

Index

• Numerics •

1:1 zoom level, Options bar, 106
3-D objects, digital camera advantages, 70
8-bit images, 37–38
16-bit images, 38
24-bit images, 37–38
32-bit images, 38

• A •

accounts, Photoshop.com, 347–348
Action Menu button, 103
Actual Pixels button, 104
Add Noise filter, 232
Add Photos dialog box, 133–134
Add Photos with Keyword Tag to Search Results command, 119
Adjust Color for Skin Tone dialog box, 226
Adjust Sharpness command, 236–237
Adjust Smart Fix command, 192
adjustment layers, 170, 174–176
Adobe E-Mail Service, 351–352
Adobe Partner Services pane, 34–35
Adobe PDF, 61–62
Adobe Photoshop Services, 327–328
Adobe Reader, PDF files, 28, 61–62
Adobe RGB (1998) color models, 40–41
ads, 369–370
After view, 22–23
Airbrush mode, 278
Album Details pane, 338
Album Group, 125–127
albums, 34, 122–127, 337–339, 348–349
Albums panel, 123–127
alignments, text, 301
Alt (Option) key, 141–142
anchor points, Point type mode, 297
And Higher view, 123
And Lower view, 123
angles, 279, 360, 363
anti-alias, 284, 300
Anti-Alias button, marquee selections, 142
apertures, 360
Apple, PICT (Picture) file format, 62
areas, Impressionist Brush tool, 281
Arrange command, Layers menu, 172

artifacts, removing, 232–233
Attach Keyword Tag to Selected Items command, 119
attachments, 60–61, 119
audio file formats, 66
audio, slide show addition, 333
Auto Color Correction command, 193
Auto Contrast command, 192–193
Auto Levels command, 192
Auto Red Eye Fix command, 194
Auto Sharpen command, 194
Auto Smart Fix command, 191–192
Auto-Fill, projects, 343
Automatically Suggest Photo Stacks command, Organizer, 128
AutoPlay Wizard, 72–73
Average filter, 234

• B •

Background Brush tool, 162
background clutter, avoiding, 359–361
background colors, 162, 271–272, 274–275
Background Eraser tool, 159–160
Background icons command, 164–165
backgrounds, layer conversion, 168–169
backlighting, subject framing, 364
Backup Catalog to CD/DVD or Hard Drive Wizard, 135–136
Backup/Synchronization pane, 35
backups, 35, 135–136, 349–350
Before view, 22–23
Bevels style, 256–257
Bin Actions menu, 25
bit depth, 37–38, 86, 91
Bitmap (.BMP/.RLE./DIB) file format, 51, 59
Bitmap dialog box, 52
Bitmap mode, 51–52
black-and-white images, 51–55, 198–199
blend modes, 171, 258–263
Blur filter, 234
Blur More filter, 234
Blur tool, 207–208
blurs, 233–235
borders, 165, 283, 296, 303–305
bounding box, 298–299
brightness, 86, 90–91, 312
Brightness/Contrast command, 216

Bring Image to Foreground command, 108
 Brush tool, 272, 278–280
 Burn tool, 204–205
 Burn/Backup Wizard, 135–136
 burning, CDs/DVDs, 336–337
 business cards, 372
 business inventory, 371



calendars, Organizer Date view, 97
 Camera or Card Reader pane, 34
 Camera Raw, 71–72, 85–91
 Canon printers, 324–325
 captions, 111, 112, 130–131, 343–344
 card readers, Organizer preferences, 34
 cascade view, 107
 Catalog Manager dialog box, 120–121
 catalogs, 120–122, 135–136
 CD/DVD labels, 347
 CDs, 135–136, 336–337
 cell phones, importing files, 81–82
 Change Keyword Tag to a Sub-Category command, 119
 Change Layer Content command, 172
 circles, selections, 141–142
 clarity filters, 232–233
 Clipboard, emptying contents, 181
 clipping, Camera Raw, 88
 Clone Stamp tool, 199–200
 Close button, 13–14
 clothes, project idea, 370
 CMYK (process color) mode, 50
 collages, marquee selections, 142
 Collapse All Keyword Tags command, 118
 Collapse Items in Version Set command, 130
 Collapse Photos in Stack command, 128
 Collections panel, 111
 collections. *See* keyword tags
 Color blend mode, layers, 262–263
 Color Burn blend mode, 259
 color channels, 36–37, 224–225
 color corrections, print preparation, 312
 Color Curves command, 224
 Color Dodge blend mode, 259–260
 color mappers, 230–232
 color modes, 50–56
 Color Picker, 272–273, 288
 color profiles
 custom profile, 322–323
 Epson inkjet printer, 315–321
 HP inkjet printer, 323–324
 no color management, 313
 Photoshop Elements managed, 313
 printer managed, 312–313
 printer profile conversion, 313–315
 printer profile selection, 321–322

Color Replacement tool, 210–212
 Color Settings dialog box, 40–41
 Color Swatches folder, 274
 Color Swatches panel, 18, 273–274
 color swatches, 271–272
 color temperatures, 86, 90, 229–230
 color tints, Camera Raw, 86, 90
 Color Variations command, 227–229
 colorcasts, 192–193, 319–320
 colors
 Adobe RGB (1998) mode, 40–41
 Auto Color Correction, 193
 background, 271–272
 bit depth, 37–38
 color channels, 36–37
 Color Picker, 272–273
 Color Replacement tool, 210–212
 Color Swatches panel, 18, 273–274
 colorcast removal, 219–220
 custom gradients, 286–288
 deleting color swatches, 274
 Eyedropper tool, 274–275
 fill layers, 176–177
 fill techniques, 281–283
 foreground, 271–272
 hue/saturation adjustments, 220–221
 ICC (International Color Consortium) Profile, 57
 Levels command adjustments, 216–219
 loading color swatches, 274
 Magic Extractor, 161–162
 mapping, 230–232
 multicolored gradients, 284–288
 numeric values, 272, 275–276
 output device matching, 38–40
 pixels, 36, 43–44
 preset, 274
 preset gradients, 284–286
 removing, 222
 resolutions, 44–46
 saving color swatches, 274
 selection borders, 283
 shape editing, 294
 Sponge tool, 209–210
 sRGB mode, 40–41
 switching, 222–223
 text, 301
 type stylizing, 306–308
 workspace configuration, 40–41
 ColorVision Spyder2express, 39
 commands. *See individual command*
 commercial printers, 50, 62
 Complex style, 256
 composite images, 263–269
 composition, 357–366
 compression, 60–61, 63–64
 CompuServe GIF (.GIF) file format, 59
 Constrain Proportions, 48

context menus, 12, 25
 Contract/Expand commands, 164
 contrast
 Auto Color Correction, 193
 Auto Contrast, 192–193
 Auto Levels, 192
 black-and-white images, 198–199
 composition element, 361
 Levels command adjustments, 216–219
 lighting adjustments, 216
 Convert to Black and White command, 222
 Convert to Black and White dialog box, 55
 Convert Version Set to Individual Items
 command, 130
 Cookie Cutter tool, 156–158
 Copy command, 179–180
 Copy Merged command, 179
 Correct Camera Distortion filter, 251–253
 Costco, file preparation, 313–315
 Create Album Group dialog box, 126–127
 Create button, 20–21, 23
 Create Keyword Tag dialog box, 116–117
 Create mode, 11
 Create panel, 329–336, 339–340, 342–347
 Create tool, Organizer preferences, 34
 Creation Wizard, 351–352
 Crop tool, 22, 86–87, 187–189
 CRT monitors, 39–40
 Current Tool command, 15
 cursors, 32
 curves, 362
 Custom tool, 291–292, 294



Darken blend mode, 258–259
 Darker Color blend mode, 259
 Date View pane, 34
 Date view, Organizer, 97
 dates, 34, 109–111
 Defringe command, 227
 Delete button, 103
 Delete Hidden Layers command, 172
 Delete Keyword Tag command, 119
 Delete Linked Layers command, 172
 depth of field, 360
 Deselect All Layers command, 173
 Deselect command, 163
 desktop wallpaper, 367–368
 Despeckle filter, 232
 Detail icons, Camera Raw, 86, 88
 Detail Smart Brush tool, 237, 239–240
 diagonal lines, 362
 Difference blend mode, 262
 digital cameras
 32-bit images, 38
 background clutter, 360–361

Camera Raw format, 84–94
 Correct Camera Distortion filter, 251–253
 flash, 365
 image resolutions, 49
 JPEG versus Camera Raw formats, 71–72
 lens flare, 365
 Organizer preferences, 34
 resizing images, 75–76
 versus film cameras/scanners, 70–71
 direction of movement, 366
 directions, subject instructions, 365–366
 Display & Cursors pane, 32
 Display menu, 109–110
 display, program preferences, 32
 Dissolve blend mode, layers, 258
 distortions, 249–253, 301, 308
 distractions, background clutter, 360
 Divide Scanned Photos command, 80, 190–191
 Document Dimensions command, 14
 document feeders, 71
 Document Profile command, 14
 Document Size area, 47
 Document Sizes command, 14
 documentation, project idea, 371–372
 documents, 82–84. See also files; images
 Dodge tool, 204–205
 downsampling, images, 46–49
 drawing tablets, Brush tool settings, 278
 drawings, 276–277, 290–294
 Drop Shadows style, 256–257
 Dry Creek Photo, 313–315
 Duplicate Layers command, 53–55
 Dust & Scratches filter, 232–233
 dust, removing, 232–233
 DVDs, 135–136, 336–337



Edge Contrast percentages, 147
 Edit button, Shortcuts bar, 20–21
 Edit Keyword Tag command, 119
 Edit Keyword tag dialog box, 117
 Edit menu, 15
 Editing pane, 34
 effects, 253–257, 332–333
 Efficiency command, 15
 Ellipse tool, 291–293
 Elliptical Marquee tool, 140–141
 E-mail Attachments, 351–352
 e-mail, 34, 60–61, 351–353
 Encapsulated PostScript, 59–60
 Enhance menu, 16
 Epson inkjet printers, 315–323
 Equalize command, 230–231
 Eraser tool, 158–160, 272
 Exclude Photos with Keyword Tag from Search
 Results command, 119

Exclusion blend mode, 262
 Exit button, 103
 Expand All Keyword Tags command, 118
 Expand Items in Version Set command, 130
 Expand Photos in Stack command, 128
 Explorer pane, 110
 Export New Files dialog box, 132–134
 Export Selected Items dialog box, 131–134
 exposures, Camera Raw, 90–91
 eXtensible Markup Language (XML) files,
 118, 127
 Extras pane, 332
 eye contact, 363
 Eyedropper tool, 86–87, 274–275

● F ●

faces, 113, 267–268
 Fade, Brush tool dynamics, 278
 Faded Photo effect, 254
 faux bold, 300
 faux italic, 301
 favorites rankings, 104
 Feather button, 142–143
 Feather command, 164
 feathering, selections, 164
 file extensions, 57–58
 file formats. *See also individual formats*
 audio, 66
 editing, 131–134
 layers, 184
 reference, 64–65
 File menu, file navigation, 15
 filenames, editing, 131–134
 files. *See also documents; images*
 adding pages, 83–84
 adding to the Organizer when saving, 57
 backing up, 136
 e-mail sharing preferences, 34
 hiding/displaying, 127
 importing into Organizer, 80–81
 lowercase/uppercase extensions, 57–58
 online printing services, 327–328
 online services, 81
 opening in Full Edit mode, 11–13
 Organizer preferences, 34
 PDF (Portable Document Format), 28
 photo service preparation, 313–315
 Photoshop.com backups, 349–350
 print service submission, 326–327
 program preferences, 31
 renaming, 135
 reverting to last saved version, 26
 saving a version set w/original, 57
 saving albums, 127
 saving keyword tags, 118
 saving selections, 166
 saving with a thumbnail, 57
 untagged item search, 111
 Files pane, Organizer preferences, 34
 Fill Layer dialog box, 282–283
 fill layers, 172, 176–177
 fills, 284–286, 289
 film cameras, versus digital cameras, 70–71
 Filter Gallery, 247–248
 Filter menu, 16
 filters
 Add Noise, 232
 application methods, 244–245
 Average, 234
 Blur, 234
 Blur More, 234
 blurs, 233–235
 clarity adjustments, 232–233
 Correct Camera Distortion, 251–253
 corrective versus destructive, 245
 Despeckle, 232
 Dust & Scratches, 233–233
 fading, 245–246
 Filter Gallery, 247–248
 Gaussian Blur, 234–235
 Liquify, 249–251
 Median, 233
 Motion Blur, 234
 one-step versus multistep, 245
 photo, 229–230
 Radial Blur, 234
 Reduce Noise, 233
 selection application, 246–247
 Smart Blur, 234
 type stylizing, 306
 Find by Caption or Note dialog box, 112
 Find by Details (Metadata) dialog box, 112
 Find menu, by date search, 110–111
 Fit in Window button, 104
 Fit Screen button, Options bar, 106
 flash, low-light conditions, 365
 Flatten Stack command, 128
 Flatten Version Set command, 130
 flipbooks, 339–340
 flyers, 369–370
 focal points, 357–358
 focus, 194, 208–209, 235–237
 Folder Location, 34, 96, 110
 folders, 34
 font family, 299
 font size, 300
 font styles, 300

Foreground Brush tool, 161–162
 foreground colors
 Color Replacement tool, 210–212
 Eyedropper tool sampling, 275
 Magic Extractor, 161–162
 Tools panel display, 271–272
 Frame effect, 253–254
 framing, 361
 freeform shapes, 144–149
 Frequency values, 147
 From File command, 118
 Full button, 20–21
 Full Edit mode, 11–13, 21–23, 244
 Full Screen view, 99–104
 Full Screen View button, 103
 Full Screen View Options dialog box, 100–102

• G •

gamma, image midlevel tones, 39
 Gaussian Blur filter, 234–235
 General Fixes panel, 23
 General pane, 30–31, 34
 Get Photos from Files and Folders dialog box, 94–95, 121
 gift wrap, project idea, 372
 Glossary of Terms command, 27
 Gradient Editor, 286–288
 Gradient Map command, 231
 Gradient panel, 284–286
 Gradient Picker, 285
 Gradient tool, 272, 284–288, 307–308
 gradients
 custom creation, 286–288
 fill layers, 176–177
 preset, 284–286
 saving, 288
 type stylizing, 306–308
 graphic designers, 63–64
 graphics, slide show addition, 332
 Grayscale color mode, 52–55
 Grayscale command, 52
 grayscale images, scanning, 78
 Greeting Cards, 345–346
 GreTag MacBeth Eye-One Display 2. *See* X-Rite Eye-One Display 2
 Grid pane, program preferences, 32
 grids, program preferences, 32
 group shots, composite images, 266–267
 Groups with Previous command, 172
 Grow command, selections, 165–166
 Guided button, 20–21
 Guided mode, 216, 226

• H •

Hand tool, 22, 86–87, 108, 165
 hard drives, scratch disk settings, 31
 Hard Light blend mode, 260–261
 Hard Mix blend mode, 261
 Hardness, Brush tool dynamics, 278
 hats, project idea, 370
 hazy images, 192–193
 Healing Brush tool, 201–203
 height dimension, 47
 Height text box, 143–144
 Help menu, 16, 27
 Help system, 28, 34–35
 hexadecimal values, colors, 272, 275–276
 hidden files, Organizer, 127
 Hide Project Bin text, 25
 high bit depths, scanners, 78
 Highlight button, Camera Raw, 86, 88
 highlights
 Auto Smart Fix, 191–192
 Camera Raw, 88
 Color Curves command, 224–225
 lighting adjustments, 214–215
 histograms, Camera Raw, 86, 88
 history states, 26
 history, image search, 112
 holiday dates, 34
 horizontal lines, 362
 hot spots, 159
 house icon, 11
 household inventory, 371
 HP inkjet printers, 323–324
 Hue blend mode, 262–263
 Hue Jitter, 278
 Hue/Saturation command, 220–221
 Hue/Saturation dialog box, 53–55
 Hybrid maps, 99

• I •

Ignore Palettes check box, 106
 image corrections
 Adjust Sharpness command, 236–237
 Adjust Smart Fix, 192
 Auto Color Correction, 193
 Auto Contrast, 192–193
 Auto Levels, 192
 Auto Red Eye Fix, 194
 Auto Sharpen, 194
 Auto Smart Fix, 191–192
 blur filters, 233–235
 Blur tool, 207–208

- image corrections (*continued*)
 - Brightness/Contrast command, 216
 - Burn tool, 204–205
 - clarity filters, 232–233
 - Clone Stamp tool, 199–200
 - color adjustments, 219–232
 - Color Curves command, 224
 - color mapping, 230–232
 - Color Replacement tool, 210–212
 - Color Variations command, 227–229
 - Correct Camera Distortion filter, 251–253
 - Defringe command, 227
 - defringing layers, 227
 - Detail Smart Brush tool, 237, 239–240
 - Dodge tool, 204–205
 - focus, 235–237
 - Healing Brush tool, 201–203
 - Hue/Saturation command, 220–221
 - Levels command, 216–219
 - lighting adjustments, 214–219
 - Photo Filter command, 229–230
 - photo filters, 229–230
 - Quick Fix, 195–199
 - Red Eye Removal tool, 194–195
 - Remove Color Cast command, 219–220
 - Remove Color command, 222
 - Replace Color command, 222–223
 - Shadows/Highlights command, 214–215
 - Sharpen tool, 208–209
 - skin tones, 224–226
 - Smart Brush tool, 237–239
 - Smudge tool, 206–207
 - Sponge tool, 209–310
 - Spot Healing Brush tool, 203–204
 - Unsharp Mask command, 235–236
- image editing, 35–36, 46–49, 195–199
- image editors, 34
- image layers, 173
- Image menu, 15
- Image Size dialog box, 46–48, 76
- image windows. *See also* workspaces
 - bringing an image to foreground, 108
 - cascading images, 107
 - Close button, 13–14
 - closing, 14
 - Full Edit mode, 21–23
 - image panning, 108
 - Information box, 13–15
 - Magnification box, 13
 - matching location, 107
 - matching zoom level, 107
 - Maximize button, 13–14
 - Maximize mode, 107
 - menu bar, 15–16
 - Minimize button, 13–14
 - multiple document views, 106–108
 - Navigator panel, 108–109
 - opening an existing file, 12–13
 - opening multiple, 13
 - Options bar zoom tools, 106
 - Project Bin, 12–13, 23–25
 - Quick Edit mode, 21–23
 - scroll bars, 13
 - Shortcuts bar, 20–21
 - Size box, 13–14
 - switching between editing modes, 21–23
 - tiling images, 107
 - Title bar display, 13–14
 - Tools panel, 17–20
 - zooming in/out, 104–106
 - zooming to a selection, 105
- images. *See also* documents; files
 - AutoPlay Wizard import, 72–73
 - backing up, 136
 - Before/After views, 22–23
 - by captions search, 111–112
 - by date search, 110–111
 - by faces search, 113
 - by notes search, 111–112
 - Camera Raw format, 85–91
 - captions, 130–131
 - cell phones, 81–82
 - composite, 263–269
 - creating, 82–84
 - cropping, 187–189
 - custom pattern creation, 290
 - dimension/resolution relationships, 46
 - dividing scanned, 190–191
 - e-mail selections, 351
 - Eyedropper tool color sampling, 275
 - flattening, 184–185
 - gamma, 39
 - Greeting Card selections, 345
 - ICC (International Color Consortium) Profile
 - embedding, 57
 - importing to a catalog, 121
 - keyword tags, 116–120
 - merging layers, 184, 186
 - metadata search, 112
 - notes, 130–131
 - one pass multiple image scan, 79–80
 - online photo album selections, 337–338
 - online services, 81
 - ordering prints online, 351
 - Organizer thumbnail addition, 94–95
 - panning, 108
 - Photo Book selections, 343
 - Photo Downloader import, 74–75
 - print preparations, 312
 - quality editing, 131–134
 - raster, 44
 - ratings, 122–123

- resampling, 46–49
- resizing, 46–48
- resizing after importing, 75–76
- resolutions, 44–46
- reverting to last saved file, 26
- saving a file with a thumbnail, 57
- scanner requirements, 77–78
- setting as desktop wallpaper, 368
- slide shows, 99–104, 331
- sorting, 109–110
- stacking, 127–129
- status bar information display, 14
- straightening, 189–190
- version sets, 129–130
- Yahoo! Maps, 97–99
- Import Batch date, 109
- Import Batch view, 95
- Impressionist Brush tool, 280–281
- Indexed Color dialog box, 56
- Indexed Color mode, 55–56
- Information box, 13–15
- Inner Glows style, 256
- Inner Shadows style, 256–257
- installation CD, PDF files, 28
- International Color Consortium (ICC)
 - Profile, 57
- Invert command, 231
- inverters, blend modes, 261–262

• J •

- jackets, CD/DVD, 347
- Joint Photographic Experts Group (.JPEG/.JPG/.JPE) format, 60–61, 71–72
- JPEG 2000 (.JPF/.JPX/.JP2/.J2K/.JPC) file format, 61

• K •

- keyboard shortcuts, 17–18
- Keyword Tags and Albums pane, 34
- Keyword Tags panel, 118–119
- keyword tags, 116–119
- Kodak EasyShare Wizard, 351
- Kodak EasyShare, 327–328
- Kodak, importing files, 81

• L •

- labels, CD/DVD, 347
- Lasso tools, 144–149
- layer masks, 174–176
- Layer menu, 16

- Layer Style command, 172
- layer styles, 255–257
- Layer via Copy command, 180
- Layer via Cut command, 180
- layers
 - adjustment, 174–176
 - Color blend mode, 262–263
 - color fills, 282–283
 - content editing, 172
 - converting between types, 172
 - copying, 179–180
 - creating, 179–180
 - defringing, 227
 - deleting layers, 172
 - Dissolve blend mode, 248
 - dragging/dropping, 181
 - duplicating, 180–181
 - fill, 176–177
 - flattening, 173, 184–185
 - Hue blend mode, 262–263
 - image, 173–174
 - image combining, 167–168
 - Luminosity blend mode, 263
 - merging, 173, 184, 186
 - moving contents, 182–183
 - Paint Bucket tool, 284
 - pasting into a selection, 181–182
 - renaming, 172
 - RGB to Grayscale conversion, 53–54
 - Saturation blend mode, 262–263
 - selecting/deselecting all, 173
 - shape, 172, 177–178
 - similar type selections, 173
 - simplifying type, 302–303
 - stacking order, 172
 - supported file formats, 184
 - transforming, 183–184
 - type, 178
- Layers menu, 172–173, 179–180, 185
- Layers panel, 168–171, 185
- layouts, 342, 344–346
- LCD monitors, 39–40
- leading lines, 362
- leading, type spacing, 301
- legacy files, 61
- lens flare, 365
- Levels command, 216–219
- libraries
 - preset color swatches, 274
 - preset gradients, 284–286
 - Preset Manager settings, 35–36
 - saving custom gradients, 288
 - saving/loading a custom brush, 279–280
- Lighten blend mode, 259–260
- Lighter Color blend mode, 260

lighting

- adjustments, 214–219
- Auto Smart Fix, 191–192
- blend modes, 260–261
- composition element, 363–365
- line art, scanned images, 78
- Line tool, shape drawing, 291–292, 294
- Linear Burn blend mode, 259
- Linear Dodge blend mode, 260
- Linear Light blend mode, 260–261
- linked layers, deleting, 172
- links, layers, 171
- Liquify filter, distortions, 249–251
- locks, layers, 171
- lossless compression, 61
- lowercase letters, 57–58
- Luminosity blend mode, 263
- LZW compression, 64

• M •

- Magic Eraser tool, 160
- Magic Extractor dialog box, 160–162
- Magic Selection Brush, 22
- Magic Wand tool, 149–151
- Magnetic Lasso tool, 147–149
- magnification box, 13
- Make a CD/DVD dialog box, 136
- Map panel, Yahoo! Maps display, 97–99
- mapping, 192, 230–232
- Marquee tools, 140–144
- marquees, 140
- Match Location command, 107
- Match Zoom command, 107
- Maximize button, 14
- Maximize mode, 107
- measurement units, 32, 144
- media
 - AutoPlay Wizard import, 72–73
 - importing files into Organizer, 80–81
 - Photo Downloader import, 74–75
 - slide show addition, 333
 - sorting, 110
- media cards, 34
- media files, 121
- Median filter, 233
- memory, 26, 31
- menu bar, 15–16
- menus, 15–17
- Merge and Flatten command, 173
- mergers, background clutter, 359–361
- metadata, 112
- midtone, 224–225
- Minimize button, 14
- Mode button, 143–144

Modify menu, 165

- moiré patterns, 234
- monitors
 - color profiles, 41
 - output color matching, 38–40
 - resolutions, 44–46, 49–50
- Monotone Color effect, 254
- Motion Blur filter, 234
- motion blurs, 306–307
- Move tool, 182–183, 294
- movie files, 333, 335
- MP3 file format, 66
- Multiply blend mode, 259
- music, importing into catalogs, 121

• N •

- narration, 333
- Navigator panel, 108–109
- New Catalog dialog box, 121
- New Category command, 118
- New dialog box, 82–83
- New Keyword Tag command, 118
- New Search Using Keyword Tag command, 119
- New Sub-Category command, 118
- Next Photo button, 103
- noise, removing, 232–233
- Normal blend mode, 258
- notes, 111–112, 130–131
- NTSC file format, 336–337
- numeric values, 272, 275–276

• O •

- Old Photo effect, 254
- online albums, 348–349
- online auctions, 369–370
- Online Gallery panel, 338
- online Help system, 20
- online photo album, 337–339
- online printing services, 327–328
- online prints, 351
- online service orders, 34–35, 81
- Online Support command, 27
- Only view, 123
- opacity
 - layer settings, 171
 - Paint Bucket tool, 284
 - type stylizing, 306
- Open Copy button, 86, 91
- Open dialog box, 12–13, 86
- Open Image button, 86, 91
- Open Preferences dialog box tool, 86–87
- optical character recognition (OCR), 70

- Options bar
 - Cookie Cutter tool, 157
 - Eraser tool, 159
 - Eyedropper tool color sampling, 275
 - image zooms, 106
 - Lasso tool selections, 147
 - Magic Wand tool selections, 150–151
 - marquee selections, 142–144
 - preset gradients, 285
 - Quick Selection Brush, 155
 - Selection Brush, 153
 - shape drawing, 292
 - tool attribute selections, 17, 19
 - type settings, 299–301
 - Order Prints wizard, online prints, 351
 - Organize & Share pane, 34
 - Organizer
 - adding files when saving, 57
 - Albums panel, 124–127
 - automating tasks, 131–135
 - by captions search, 111–112
 - by faces search, 113
 - by history search, 112
 - by notes search, 111–112
 - captions, 130–131
 - catalogs, 120–122
 - Collections panel search, 111
 - Date view, 97
 - e-mail photo selections, 351
 - Find menu searches, 110–113
 - Folder Location view, 96
 - Full Screen view, 99–104
 - Greeting Card image selections, 345
 - hiding/displaying files, 127
 - hiding/displaying the Panels Bin, 96
 - image organization tool, 10
 - image ratings, 122–123
 - image sorting, 109–110
 - Import Batch view, 95
 - importing cell phone images, 81–82
 - importing files, 80–81
 - keyword tags, 116–120
 - launching from the Welcome screen, 10
 - media type sorting, 110
 - metadata search, 112
 - notes, 130–131
 - online photo album selections, 337–338
 - opening multipage PDF files, 335–336
 - Photo Book image selections, 343
 - program preferences, 32–35
 - renaming files, 135
 - search by date, 110–111
 - Show Maps, 97–99
 - slide show image selections, 331
 - slide shows, 99–104
 - stacking images, 127–129
 - switching to Full Edit mode, 11–12
 - Thumbnail display, 95
 - thumbnail image addition, 94–95
 - untagged item search, 111
 - version sets, 129–130
 - Organizer Preferences dialog box, 33–35, 78
 - orientation, text, 301
 - Outer Glows style, 256
 - outlines, 140, 283
 - output devices, 38–40, 44–46
 - overexposures
 - Auto Smart Fix, 191–192
 - Color Curves command, 224–225
 - lighting adjustments, 214–215
 - Overlay blend mode, 260–261
- *p* ●
- page numbers, projects, 343
 - Paint Bucket tool, 283–284
 - painting
 - Brush tool, 278–280
 - Detail Smart Brush tool, 237, 239–240
 - Paint Bucket tool, 283–284
 - Impressionist Brush tool, 280–281
 - Quick Selection Brush, 155–156
 - Selection Brush, 153–155
 - Smart Brush tool, 237–239
 - Stroke command, 283
 - type stylizing, 306–308
 - PAL file format, 336–337
 - Pan & Zoom view, 331
 - Panel Options command, 173]
 - Panels Bin, 19, 22, 96, 329–330
 - panning, images, 108
 - panoramas, 263–269
 - Pantone Huey Monitor Color, 39
 - Paragraph type mode, 296, 298–299
 - Paste command, 179–180
 - Paste into Selection command, 181–182
 - Pattern Stamp tool, 290
 - patterns, 177, 284, 189–190
 - PC Paintbrush (.PCX) file format, 61
 - Pencil tool, drawing techniques, 276–277
 - Performance pane, 31
 - Photo Books, 343–345
 - Photo Downloader, 74–75
 - Photo Filter command, 229–230
 - photo filters, 229–230
 - Photo Mail, 352–353
 - Photo Project Format (.PSE) file format, 59
 - photo sharing, Share panel, 330
 - Photomerge Faces command, 267–268
 - Photomerge Group Shot command, 266–267
 - Photomerge Panorama command, 263–265

- Photomerge Scene Cleaner command, 268–269
- Photoshop (.PSD/.PDD) file format, 59, 184
- Photoshop Elements Help command, 27
- Photoshop EPS (.EPS) file format, 59–60
- Photoshop Portable Document Format (.PDF/.PDP) file format, 61–62
- Photoshop RAW (.RAW) file format, 62
- Photoshop.com
 - account creation, 347–348
 - album sharing, 348–349
 - file backups, 349–350
 - file synchronization, 349–350
 - importing files, 81
 - member services, 10
 - online photo albums, 337–339
 - synchronization preferences, 35
 - tutorials, 350
- Picture (.PCT/PICT) File format, 62
- Pin Light blend mode, 260–261
- Pixar (.PXR) file format, 62
- Pixel Dimensions area, 47
- pixels
 - color theory, 36
 - color theory, 43–44
 - fringe, 227
 - halo, 227
 - raster images, 44
 - resolutions, 44–46
 - soft-edged selections, 140
 - versus vectors, 290–291
- place cards, project idea, 372
- Place on Map command, 119
- Play/Pause button, 103
- plug-ins, 32, 78–79
- Point type mode, 296–298
- Polygon tool, 291–293
- Polygonal Lasso tool, 146
- pop-up menus, context menus, 17
- pop-up toolbar, Tools panel selections, 18
- Portable Document Format (PDF) files
 - installation CD, 28
 - layers, 184
 - slide shows, 334–336
- Portable Network Graphics (.PNG) file format, 62
- Posterize command, 231–232
- posters, project idea, 370–371
- Preferences dialog box
 - accepting/canceling changes, 30
 - Display & Cursors pane, 32
 - General pane, 30, 31
 - Grid pane, 32
 - history states, 27
 - panes list, 30
 - Performance pane, 31
 - Plug-Ins pane, 32
 - resetting to default, 31
 - Saving Files pane, 31
 - Shift key preferences, 18
 - switching between panes, 31
 - Transparency pane, 32
 - Type pane, 32
 - Units & Rulers pane, 32
- Preset Manager
 - brush tip libraries, 279
 - gradient presets, 288
 - Help system, 35
 - library settings, 35–36
 - saving settings, 35–36
 - tool editing options, 35
 - view settings, 35
- Previous Photo button, 103
- Print dialog box, 321–322
- Print Size button, 106
- printers
 - 8-bit images, 37–38
 - Canon, 324–325
 - color profile conversion, 313–315
 - color profiles, 41, 312–315
 - custom profile, 322–323
 - Epson inkjet, 315–323
 - HP inkjet, 323–324
 - output color matching, 38–40
 - printer profile selection, 321–323
 - resolutions, 44–46, 49–50
- printing, 312, 315–328
- process color (CMYK) color mode, 50
- profiles, color workspace, 40–41
- Project Bin
 - adding files, 25
 - adding pages to an existing file, 83–84
 - Bin Actions menu, 25
 - hiding/displaying, 24–25
 - image navigation tool, 9
 - new view creation, 24
 - reordering images, 23
 - switching between views, 24
 - thumbnail image display, 12–13, 23–24
- projects
 - adding pages to an existing file, 83–84
 - ads, 369–370
 - Auto-Fill, 343
 - business cards, 372
 - business inventory, 371
 - captions, 343
 - CD/DVD Labels, 347
 - clothes, 370
 - Create panel selections, 329–330
 - documentation, 371–372
 - flipbooks, 339–340
 - flyers, 369–370
 - gift wrap, 372

Greeting Cards, 345–346
 hats, 370
 household inventory, 371
 layout selections, 342
 online auctions, 369–370
 online photo albums, 337–339
 page numbers, 343
 Photo Books, 343–345
 place cards, 372
 posters, 370–371
 .PSE (Photo Project Format), 59
 saving, 344
 school reports, 372
 screen savers, 367–368
 slide shows, 330–336
 wallpaper, 367–368
 Properties panel, 122–123, 131

• Q •

quality, file editing, 131–134
 Quick button, Shortcuts bar, 20–21
 Quick Edit mode, 9, 21–23, 57
 Quick Fix mode, 11, 196–199, 244
 Quick Selection Brush, 155–156
 QuickTime file format, 66

• R •

Radial Blur filter, 234
 raster format, 296
 raster images, 44
 Ratings menu, 122–123
 ratings, images, 122–123
 Rectangle tool, 291–293
 Rectangular Marquee tool, 140
 red eye, Auto Red Eye Fix, 194
 Red Eye Removal tool, 23, 86–87, 194–105
 Reduce Noise filter, 233
 Remove Color Cast command, 219–220
 Remove Color command, 222
 Remove from Map command, 119
 Remove Item(s) from Version Set command, 130
 Remove Photo from Stack command, 128
 Rename dialog box, 135
 Replace Color command, 222–223
 Resample Image check box, 47–48
 resampling, 46–49
 Resize Windows to Fit check box, 106
 resolutions
 downsampling, 46
 image dimension relationships, 46
 output devices, 44–46, 49–50
 print preparation, 312

 resizing images, 46–48
 resizing images after importing, 75–76
 scanned images, 77–78
 upsampling, 46
 Revert command, 26
 Revert to Original command, 130
 RGB color channel, 36–37
 RGB mode, 51–53
 RGB values, Camera Raw, 86, 88
 Rotate 90 Degrees Left button, 103
 Rotate 90 Degrees Right button, 103
 Rotate Left tool, 86–87
 Rotate Right tool, 86–87
 Rounded Rectangle tool, 291–293
 Roundness, 279
 Rule of Thirds, 359
 rulers, 32

• S •

Satellite maps, 99
 Saturation blend mode, 262–263
 Save As dialog box, 57–58
 Save dialog box, 57
 Save Image button, 86, 91
 Save Keyword Tags to a File command, 118
 Save Selection dialog box, 166
 Saving Files pane, 31
 Scale Styles, 48
 scanned images, 190–191, 234
 Scanner pane, 34
 scanners
 16-bit images, 38
 artwork preparation, 77
 automatic document feeders, 71
 dividing scanned images, 190–191
 grayscale images, 78
 high bit depths, 78
 image requirements, 77–78
 legacy pictures, 71
 line art, 78
 multiple images with one pass, 79–80
 OCR (optical character recognition), 70
 Organizer preferences, 34
 platen cleaning, 76
 plug-ins, 78–79
 SCSI (Small Computer Systems Interface)
 connections, 76
 source material cleaning, 77
 sweet spot, 77
 versus digital cameras, 70–71
 Scatter, Brush tool dynamics, 278
 school reports, project idea, 372
 Scitex Continuous Tone (.SCT) file format, 62
 scratch disk, 31

- Scratch Sizes command, 15
- scratches, 232–233
- Screen blend mode, 259–260
- screen savers, 367–368
- scroll bars, 13–14
- searches, 110–113, 119
- Select All command, 163
- Select All Layers command, 173
- Select Layers of Similar Type command, 173
- Select menu, 16, 163–166, 173
- selection borders, 149, 189
- Selection Brush, 153–155
- selections
 - adding to, 152
 - Background Eraser tool, 159–160
 - borders, 165
 - collision avoidance, 152–153
 - Cookie Cutter tool, 156–158
 - defining, 139–140
 - defringing, 227
 - edge refining, 164–165
 - Elliptical Marquee tool, 140–141
 - Eraser tools, 158–160
 - expanding/contracting, 164, 165
 - feathering, 164
 - fill techniques, 281–283
 - filter application, 246–247
 - freeform, 144–149
 - growing, 165–166
 - Image window zooms, 105
 - intersecting, 152
 - inversing, 164
 - Lasso tools, 144–149
 - Layers panel, 170
 - loading, 166
 - Magic Eraser tool, 160
 - Magic Extractor command, 160–162
 - Magic Wand tool, 149–151
 - Magnetic Lasso tool, 147–149
 - Marquee tools, 140–144
 - marquees, 140
 - moving, 141
 - outlining, 283
 - Polygonal Lasso tool, 146
 - preset gradient fill, 284–286
 - preset patterns, 289
 - Quick Selection Brush, 155–156
 - Rectangular Marquee tool, 140
 - reselecting, 163
 - saving, 166
 - Select menu, 163–166
 - selecting/deselecting all, 163
 - Selection Brush, 153–155
 - similar, 165–166
 - soft-edged, 140
 - subtracting from, 152
 - separator bar, 24
 - service centers, 326–327
 - Set as Top Item command, 130
 - Set as Top Photo command, 129
 - Shadow button, Camera Raw, 86, 88
 - shadows
 - Auto Smart Fix, 191–192
 - Camera Raw, 88
 - Color Curves command, 224–225
 - lighting adjustments, 214–215
 - Shadows/Highlights command, 214–215
 - shape layers, 172, 177–178
 - Shape Selection tool, 294
 - shapes, 290–294
 - Share button, Shortcuts bar, 20–21
 - Share panel
 - Auto-Fill, 343
 - captions, 343
 - e-mailing creations, 351–352
 - layout selections, 342
 - number of pages, 343
 - online photo albums, 337–339
 - Photo Mail, 352–353
 - photo sharing selections, 329–330
 - Share workspace, 11
 - Sharing pane, 34
 - Sharpen tool, 208–209
 - sharpening, 235–237
 - Shift key, 18, 141–142
 - Shortcuts bar, 20–21, 23, 109, 123
 - Show Files from Organizer command 25
 - Show Maps, Organizer, 97–99
 - Show on Map command, 119
 - Show Only Navigation Controls button, 104
 - Show Open Files command, 25
 - Side by Side/Above and Below button, 103
 - Similar command, 165–166
 - Simplify command, 172
 - Size box, 14
 - Size dialog box, 312
 - skin tones, 224–226
 - sky, brightening, 198
 - Slide Show Editor, 331–334
 - Slide Show Output Wizard, 334–337
 - slide shows, 99–104, 330–336
 - Small Computer Systems Interface (SCSI), 76
 - Smart Blur filter, 234
 - Smart Brush tool, 237–239
 - Smooth command, 164
 - Smudge tool, 206–207
 - Soft Light blend mode, 260–261
 - sorts, 109–110
 - sound recordings, 333
 - spacing, 278, 360
 - Specify zoom level button, 104
 - Sponge tool, image corrections, 209–310

Spot Healing Brush tool, 203–204
 squares, selections, 141–142
 sRGB color models, 40–41
 Stack Selected Photos command, 128
 stacking order, layers, 169, 172
 star ratings, images, 122–123
 status bar, image information display, 14
 Straighten tool, 86–87, 189–190
 strikethrough, type style, 301
 Stroke dialog box, outlines, 283
 styles, 281, 301
 subjects, 357–358, 360–366
 Sync Pan and Zoom button, 104
 synchronization, 35, 239–350
 system resources, .BMP file format, 59

• T •

Tablet Pressure (pen icon), 147
 Tagged Image File Format (.TIFF/.TIF), 63, 184
 tags, 34
 Targa (.TGA/.VDA/.ICB/.VST) file format, 63
 teeth, whitening, 198
 temperatures, 86, 90
 templates, 338
 text. *See also* type
 alignments, 301
 colors, 301
 editing, 301–302
 orientation, 301
 Paragraph type mode, 296, 298–299
 Photo Books, 344
 Point type mode, 296–298
 slide show addition, 332
 type layers, 178
 warped, 301, 308
 text attributes, 32
 themes, 344–346
 Threshold command, 231
 Thumbnail display view, 95
 thumbnails
 Organizer image addition, 94–95
 Project Bin display, 12–13, 23–24
 saving files, 57
 tiles, 107
 Timing command, 15
 tinted photos, 221
 tints, Camera Raw, 86, 90
 Title bar, 14
 title pages, Photo Books, 344
 tolerance
 Impressionist Brush tool, 281
 Magic Wand tool, 149–150
 Paint Bucket tool, 284
 tonal range, 90–91, 224, 227–229

toolbars, 18, 102–104
 Tools panel, 17–20, 22, 271–272
 ToolTips, Help system, 20, 28
 Touch Up pane, image corrections, 198
 transformations, layers, 183–184
 transitions, slide shows, 332–333
 Transparency pane, 32
 Truevision, Targa file format, 63
 tutorials, Photoshop.com, 350
 type, 296, 299–308. *See also* text
 Type command, 172
 type layers, 178, 255
 Type Mask tool, 296, 303–305
 Type pane, 32
 Type tool, 44, 296–299, 301–302

• U •

underexposures, 191–192, 214–215
 underline, type style, 301
 Undo command, 25
 Undo History panel, 25–26
 Ungroup command, 172
 Units & Rulers pane, 32
 universal serial bus (USB), 31
 Unsharp Mask command, 235–236
 Unstack Photos command, 128
 untagged items, searches, 111
 updates, 34–35
 uppercase letters, 57–58
 upsampling, images, 46–49

• V •

vector format, 296
 vector objects, 44, 172, 177–189
 vectors, versus pixels, 290–291
 version sets, images, 129–130
 vertical lines, 362
 video clips, 71
 video file formats, 66
 Video Flipbook dialog box, 339–340
 videos, flipbooks, 339–340
 View menu, 16
 viewpoints, 362–363
 Vintage Photo effect, 254
 Visibility style, 256
 Vivid Light blend mode, 260–261

• W •

wallpaper, 59, 367–368
 warped text, type distortion, 301, 308

- WAV file format, audio files, 66
- Web graphics, 59, 62
- Web pages, 337–339
- Web safe colors, 272, 275–276
- Web sites
 - Adobe Reader, 28
 - Amazon, 39
 - Cafepress.com, 370
 - Costco, 314
 - Dry Creek Photo, 313
 - online Help system, 20
 - Photoshop.com, 10
 - Wiley support, 6
 - Zazzle.com, 370
- Welcome screen, 10–12
- White Balance, 86, 89–90
- width dimension, 47
- Width text box, 143–144, 147
- Window menu, 16, 19
- Windows Mail, 351–352
- Windows Vista, screen savers, 368
- wizards
 - AutoPlay, 72–73
 - Backup Catalog to CD/DVD or Hard Drive, 135–136
 - Burn/Backup, 135
 - Creation, 351–352
 - Kodak EasyShare, 351
 - Order Prints, 351
 - Slide Show Output, 334–337
- WMA file format, audio files, 66
- WMV file format, video files, 66
- workspaces, 11, 21–23, 40–41. *See also* image windows
- wrap text, Paragraph type mode, 298–299



XML (eXtensible Markup Language) files, 118, 127

X-Rite Eye-One Display 2, 39



Yahoo! Maps, 97–99, 117, 119



ZIP compression, 64

Zoom All Windows check box, 106

Zoom In tool, 98, 106, 108

zoom levels, resolutions, 45–46

Zoom Out button, 104

Zoom Out tool, 98, 106, 108

Zoom presets, Camera Raw, 86, 91

Zoom slider, Options bar, 106

Zoom tool, 22, 24, 86–87, 105, 165

zooms, 13, 98, 104–106