

Index

• A •

- Actions command, 332–335
- Actions function key, 50
- activating Photoshop, 21
- adding
 - adjustment layers, 170
 - anchor points, vector paths, 227–230
 - masks to layers, 168–169
 - rollover buttons, 350
 - styles, 254
- additive color mode, 109
- Adjust tab, Camera Raw plug-in, 142
- adjusting
 - pixels, 10
 - tonality, 88
- adjustment commands, color
 - about, 116
 - Auto Color command, 117
 - Channel Mixer command, 123–124
 - Color Balance command, 117–118
 - Curves command, 117
 - Desaturate command, 119
 - Gradient Map command, 125
 - Hue/Saturation command, 118–119
 - Invert command, 127
 - Match Color command, 119–121
 - Photo Filter command, 126
 - Posterize command, 127–128
 - Selective Color command, 121–122
 - Shadow/Highlight command, 127
- adjustment layers
 - about, 94, 116, 169–172
 - adding, 170
 - fill layers, 170
 - limiting, 171–172
- adjustments, color, 113–130
- Adjustments menu, 93
- Adobe Acrobat, 9
- Adobe Bridge
 - about, 14, 70–71
 - cache, 72
 - categories, 71–72
 - folders in Favorites, 72
 - keywords, 71–72
 - labels, 72
 - ratings, 72
 - views, 72
 - workspace, 72
- Adobe Camera Raw plug-in, 17
- Adobe Creative Suite, 9
- Adobe GoLive, 9
- Adobe Illustrator, 9, 11
- Adobe InDesign, 9
- Adobe Photoshop. *See* Photoshop
- Adobe tech support, 62
- Aligned option, 182
- alignment
 - paragraphs, 276
 - text, 265
- All Channels View, 91
- alpha channels
 - about, 40
 - masks, 164–165

- alternatives, printing images, 80–81
- Amount, Shadow/Highlight
 - adjustment, 102
- anchor points
 - about, 219
 - adding to vector paths, 227–230
 - deleting vector paths, 227–230
 - moving to vector paths, 227–230
- animation, online tools, 351–353
- anti-aliasing
 - fixes, 150–152
 - text, 265
- antivirus software disable, 20
- Apple computers, 2
- AppleScript, 338
- Applications folder (Mac), 16
- artistic effects, 357–362
- artwork
 - composition, 30
 - cropping, 30
 - size changing, 30–33
 - types, 11
- aspect ratio
 - about, 31, 54
 - cropping printing, 74–75
- asset management tools, 14
- auto-backup software, 21
- Auto Color command, 93, 117
- Auto commands, 92–93
- Auto Contrast, 92
- Auto Corrections, 92–93
- Auto Levels, 92
- Automate commands
 - about, 326
 - Actions command, 332–335
 - AppleScript, 338
 - Batch command, 336–337
 - Contact Sheet II, 328–329

- JavaScript, 338
- PDFs, 326–328
- Picture Package command, 330–332
- scanning photos, 330
- thumbnails, 328–329
- Visual Basic, 338
- Average filter, 310

• B •

- backing up image files, 17
- baseline shift, Character
 - palettes, 267
- Batch command, 336–337
- Batch Rename command, 73–74
- Bevel and Emboss layer effect, 245–247
- Bicubic algorithm, 34
- Bicubic Sharper algorithm, 34
- Bicubic Smoother algorithm, 34
- Bilinear algorithm, 34
- binary code digital images, 24
- Bitmap color, 110
- black, defined, 95
- blending, Fade command, 19–20
- blending modes
 - about, 194–195, 243
 - compositing images, 193
- Blur filter, 310
- blur filters, 310–312
- Blur More filter, 310
- book organization, Photoshop, 2–4
- Border command, 161
- Box Blur filter, 310
- brightness, 88
- brochures, 12, 15
- Browse command, 71
- brush engine, 11

Brush Size painting tool, 56
Brush Tip Shape, 300
brush tips, saving, 303
Brush tool, painting, 289–291
Brushes function key, 50
Brushes palette, 46, 299–303
Brushes Presets, 300
Burn tool
 about, 105–106
 people problems, 177
buttons, Paths palette, 225–227



cache, Adobe Bridge, 72
Calibrate tab, Camera Raw
 plug-in, 144
Camera Raw buttons
 Camera Raw plug-in, 145
 Cancel/Reset, 145
 Done, 145
 Open/Open Copy, 145
 Save, 145
Camera Raw plug-in
 about, 134, 137–138
 Adjust tab, 142
 Calibrate tab, 144
 Camera Raw buttons, 145
 Curve tab, 143–144
 Detail tab, 142–143
 histogram, 139
 Lens tab, 143
 preview area, 139–140
 Settings pop-up menu, 141
 size, 140
 space, 140
 tools, 138–139
 workflow options, 140–141

cameras. *See* digital cameras
Cancel/Reset, Camera Raw
 buttons, 145
Canon cameras, 2
cast color, 144
categories, Adobe Bridge, 71–72
CDs
 backups, 70
 opening images, 17
changing
 appearance, shape layers, 217
 image resolution, 29
Channel Mixer command, 123–124
Channels palette, 61
Character palettes
 baseline shift, 267
 dictionary, 268
 faux styles, 268
 kerning, 267
 leading, 267
 scaling, 267
CIELAB, 110
Clip, Shadow/Highlight adjustment,
 103
clipped adjustment layers, 171
clipping groups, compositing images,
 196–197
clipping paths, vector art, 223–224
Clone Stamp tool
 about, 54
 people problems, 175–176, 181–182
Clouds filter, 322
CMYK, 39, 108, 109
collection management, 14
color
 about, 107
 adjustment commands, 116–128
 adjustments, 113–130

color (*continued*)

- Bitmap, 110
- cast, 144
- CMYK, 109
- correction, 113
- defined, 107
- depth, 108, 111–113
- Duotone, 110
- flesh tones, 130–132
- grayscale, 109
- Histogram palette, 115
- indexed, 110
- Info palette, 115
- manual corrections in channels, 129–130
- model, 111
- modes, 108–111
- Multichannel, 110
- painting, 292–295
- pixels, 25
- profile, 108
- recording, 113
- RGB, 109
- spot, 114
- Variations feature, 128–129

Color Balance command, 117–118

Color blending mode, 195

color cast, 92

color correction, 3

Color Correction/Brightness, Shadow/Highlight adjustment, 103

Color Dynamics pane, 302

Color function key, 50

Color Intensity, Match Color command, 120

color laser printers, 80

color management

- about, 2
- Color Settings, 59
- printing images, 78–80

Color Noise Reduction slider, 143

Color Overlay layer effect, 248

Color Range command, 159–160

Color Replacement tool, 180, 296

Color Settings dialog box, 59, 66

color shift, 92

color table, 110

ColorVision, 79

combining paths, vector paths, 230–232

commands, 4

commercial images, buying, 66

commercial printing, image resolution, 35

commercial printing file formats

- about, 39
- CMYK, 39
- degradation, 40
- EPS, 39–40
- JPEG, 40
- lossy compression scheme, 40
- PDF, 40–41
- TIFF, 39

compositing images

- about, 3, 11, 191–199
- blending modes, 193
- clipping groups, 196–197
- Extract command, 199–200
- feathering, 198–199
- groups, 193
- HDR command, 206–208
- layer masks, 196
- layers, 192–195
- Layers palette, 194–195

naturalness, 198–199
opacity, 196
panoramas, 204–205
Photomerge, 204–205
transparency, 196
Vanishing Point, 200–203
composition artwork, 30
compression utilities, 84
computer operations, 16
consistency, Color Settings, 59
Constrain Proportions, 31
Contact Sheet II, Automate
 commands, 328–329
contact sheets, 364
Contract command, 161
control points, 219
converting images to working
 space, 59
corner anchor points, 219
correction, color, 113
Create New Path, Paths palette, 226
creative effects, 357–362
Crop command, 75–76
Crop tool
 about, 54
 people problems, 186–187
cropping
 artwork, 30
 to aspect ratio, 74–75
 people problems, 185
 versus resampling, 33
Crystallize filter, 361
cursors, 56–57
Curve tab, Camera Raw plug-in,
 143–144
Curves command, 97–99, 117
custom fonts, vector paths, 232–233
Custom Shape tool, vector art,
 213–214

customizing
 about, 50
 Preferences settings, 55–59
 tool presets, 54
 vector paths, 227–233
 workspaces, 50–52



dashed lines, 364
default location, installing
 Photoshop, 20
degradation, commercial printing file
 formats, 40
Delete Path, Paths palette, 226
deleting anchor points, vector paths,
 227–230
depth color, 108, 111–113
descreening, 68
Deselect command, 158
destination folders, 82
Detail tab, Camera Raw plug-in,
 142–143
dictionary, Character palettes, 268
Difference blending mode, 195
digital cameras
 about, 369
 downloading from, 65–66
 opening images, 17
 pixels, 369–370
 resolution, 28
digital images
 about, 23
 binary code, 24
 defined, 24
 picture elements, 24
 pixels, 24–27
digital noise, 179–180

digital painting, 11

digital photo file formats

- about, 36
- JPEG, 36–37
- Large Document Format (PSB), 38
- PDF, 37
- PSD, 36
- TIFF, 36–37

DigitalColor Meter, Mac, 79

direction lines, 219

Display & Cursors, Preferences, 56–57

DNG (digital negative) file, 136

Dock (Mac), 16

Document Size area, 35

Dodge tool

- about, 105–106
- people problems, 177

Done, Camera Raw buttons, 145

dotted lines, 364

downloading from digital camera, 65–66

downsampling, 34

dragging, Options bar, 49

drop-down menus, 2

drop shadows, 239, 242

Dual Brush option, 302

dumping, painting, 297–298

Duotone color, 110

duotone image, 119

DVDs

- backups, 70
- opening images, 17

• E •

e-mailing images, 83–84

edge effects, 364

Edit Fade command, 309

editing alpha channels, masks, 166–167

8-bit/channel color, 111–112

ellipsis, 44

Elliptical Marquee tool, 48–49, 153

EMF file formats, 41

EPS commercial printing file formats, 39–40

Epson printers, 2

Eraser tool, 292

exclusive rights, 66

Expand command, 161

Export Cache command, 72

exposure changing, 104–105

Exposure feature, 99–100

Exposure tool, 104–105

Extract command, 199–200

eyeglass glare, 178

eyedroppers, 96–97

• F •

Fade command

- blending, 19–20
- opacity, 19–20
- reducing to Undo, 19–20

Fade Motion Blur command, 19–20

Fade Unsharp Mask command, 19

faux styles, Character palettes, 268

Feather command, 161

feathering

- compositing images, 198–199
- fixes, 150–152

File Browser, 14

file formats

- about, 17, 36
- commercial printing, 39–41
- digital photos, 36–38
- EMF, 41

- PNG, 41
- PowerPoint, 41–42
- Web graphics, 38–39
- WMF, 41
- Word, 41–42
- File Handling, Preferences, 56
- File Info command, 56
- File New command, 64
- File Open command, 64
- files, saving, 17–18
- fill, 210
- fill layers, adjustment layers, 170
- Fill Path, Paths palette, 226
- Fill sliders, layer styles, 251–254
- filling, painting, 297–298
- FilmStrip format, 13
- Filter Gallery
 - about, 316–318
 - people problems, 187
- filters
 - about, 305–306
 - blur, 310–312
 - Cloud filter, 322
 - Lens Correction filter, 313–314
 - Liquify filter, 318–321
 - noise, 315–316
 - quality, 10–11
 - Sharpen filter, 306
 - Sharpen More filter, 306
 - sharpening, 306
 - Shear filter, 321–322
 - Smart Sharpen filter, 306
 - Spherize filters, 321–322
 - Unsharp Mask filter, 306–309
- Fixed Aspect Ratio option, 76, 156
- Fixed Size option, 156
- fixes
 - about, 61–62, 147–148
 - adjustment layers, 169–172
 - anti-aliasing, 150–152
 - feathering, 150–152
 - masks, 164–169
 - palettes, 61
 - selection, 148–150
 - selection commands, 158–164
 - selection tools, 152–158
 - selections, 61
- Flash cards, opening images, 17
- flatbed scanners, 68
- flesh tones color, 130–132
- floating palettes, 45
- folders
 - in Favorites, 72
 - images organization, 69–70
- Font Book, 21
- font management, 21
- Font menu, 264
- Font Size, 264–265
- Font Style, 264
- fonts
 - about, 283–286
 - buying, 283–284
 - custom, 232–233
 - downloading, 283–284
 - installing, 284–286
 - removing, 284–286
 - software, 368
- freeform tool, 49
- Full Size Brush Tip painting tool, 56–57
- function keys
 - about, 50
 - Actions, 50
 - Brushes, 50
 - Color, 50
 - Info, 50
 - Layers, 50

• G •

gamut warning, 139
 Gaussian filter, 310
 General, Preferences, 56
 GIF files, 342–343
 GIF Web graphics file formats, 39
 Glass Text effect, 362
 GoLive, 15
 Gradient Map command, 125
 Gradient Overlay layer effect, 249
 gradients, painting, 298–299
 grayed out menu items, 44
 grayscale color, 109
 green eye, 174
 greeting cards, 12
 GretagMacBeth, 79
 Grid Size to None, 57
 groups, compositing images, 193
 Guides, Grid & Slices, Preferences, 57–58

• H •

Hard Light blending mode, 195
 hardware, 367–368
 HDR command, 206–208
 Healing Brush tool, 295–296
 hiding menus, 52
 high dynamic range (HDR), 113
 highlights, 89
 Histogram palette
 about, 89
 color, 115
 histograms
 about, 89–92
 Camera Raw plug-in, 139

History Brush
 as creative tool, 19
 painting, 293
 history log, 56
 History palette, 18
 Horizontal Type tool, 260
 HTML documents, 15
 Hue/Saturation command, 118–119
 hyphenation, 270, 277

• I •

icons, book, 5
 illustration capabilities,
 Photoshop, 11
 image editing programs, 10
 image files
 backing up, 17
 renaming, 73–74
 image maps, 347–349
 image resolution
 about, 28
 choosing, 35
 commercial printing, 35
 inkjet printers, 35
 page layout programs, 35
 PowerPoint presentations, 35
 Web images, 35
 word processing documents, 35
 image sharing, Internet
 about, 81
 e-mailing, 83–84
 Web Photo Gallery, 81–83
 Image Size command, 29
 Image Size dialog box, 29, 30, 32, 35
 ImageReady, 12, 70, 340

- images
 - about, 63
 - adding to text, 271–273
 - Auto Corrections, 92–93
 - converting to working space, 59
 - importing, 64–69
 - printing images, 74–81
 - working with, 17
 - images importing
 - downloading from digital camera, 65–66
 - Mac files, 64–65
 - scanning prints, 67–69
 - Windows files, 65
 - images organization
 - about, 69
 - Adobe Bridge, 70–73
 - folders, 69–70
 - renaming image files, 73–74
 - sub folders, 70
 - importing images, 64–69
 - indent first line, Paragraph palette, 270
 - indent margins, Paragraph palette, 269
 - independence pixels, 25
 - Indexed Color, 110
 - Info function key, 50
 - Info palette, 115
 - inkjet printers
 - image resolution, 35
 - printing images, 80–81
 - Inner Glow layer effect, 245
 - inner shadows, 243
 - installing fonts, 284–286
 - installing Photoshop
 - activating, 21
 - antivirus software disable, 20
 - auto-backup software, 21
 - default location, 20
 - Internet connection, 21
 - networks, 20
 - plug-ins, 21
 - uninstalling, 20
 - Internet connection, installing
 - Photoshop, 21
 - Inverse command, 159
 - Invert command, 127
 - inverting selections, 104
- J •
- jaggies, 25
 - JavaScript, 338
 - JPEG file format, 36–37, 40, 343
 - JPG Web graphics file formats, 38
 - jump drives, 17
 - justification
 - Paragraph palette, 269
 - paragraphs, 276
- K •
- kerning, Character palettes, 267
 - keyboard shortcuts
 - about, 18, 52–54
 - Print with Preview command, 53
 - saving, 51
 - Smart Blur command, 54
 - Smart Sharpen command, 54
 - Step Backward command, 53
 - Undo/Redo command, 53
 - Unsharp Mask command, 54
 - Keyboard Shortcuts command, 52–53
 - keywords, Adobe Bridge, 71–72

• L •

L*a*b*, 110
 labels, Adobe Bridge, 72
 landscape aspect ratio, 74
 Large Document Format (PSB), 38
 large format printer, 368
 lasso selection tools, 154–157
 Lasso tool, 156
 launching Photoshop, 16–17
 Layer, Match Color command, 120
 Layer Comp palette, 46
 layer masks
 compositing images, 196
 people problems, 184
 Layer Style dialog box, 241–242
 layer styles
 about, 235–237
 Bevel and Emboss layer effect, 245–247
 blending modes, 243
 Color Overlay layer effect, 248
 drop shadows, 242
 Gradient Overlay layer effect, 249
 Inner Glow layer effect, 245
 inner shadows, 243
 Layer Style dialog box, 241–242
 Layer Style menu, 239–241
 Opacity and Fill sliders, 251–254
 Outer Glow layer effect, 244
 Pattern Overlay layer effect, 249
 Satin layer effect, 247
 saving, 254–255
 Stroke Overlay layer effect, 250
 Styles palette, 237–239
 layers
 compositing images, 192–195
 people problems, 181–182

Layers function key, 50
 Layers palette
 changes, 48
 compositing images, 194–195
 leading, Character palettes, 267
 Lens Blur filter, 311
 Lens Correction filter, 313–314
 Lens tab, Camera Raw plug-in, 143
 Levels command, 94–95, 95
 limiting adjustment layers, 171–172
 line screen frequency, 35
 links, online tools, 349
 Liquify feature, 177–178
 Liquify filter, 318–321
 Load Statistics/Save Statistics, Match
 Color command, 121
 loading selections, masks, 165
 lossy compression scheme, 40
 low-key images, 90
 Luminance, Match Color command, 120
 luminance noise, people problems, 180
 Luminosity blending mode, 19, 195

• M •

Mac
 DigitalColor Meter, 79
 fonts, 284–286
 images importing, 64–65
 palettes, 46
 reinstalling Photoshop, 61
 resolution, 28
 shortcuts, 4–5
 Magic Eraser tool, 292
 Magic Wand tool, 157–158
 Magnetic Lasso tool, 156–157

- manual corrections in channels, color, 129–130
 - Marquee selection tools, 153–154
 - mask-related commands, 164
 - masking layers with vector paths, 169
 - masking software, 368
 - masks
 - about, 164
 - adding masks to layers, 168–169
 - alpha channels, 164–165
 - editing alpha channels, 166–167
 - loading selections, 165
 - masking layers with vector paths, 169
 - Quick Mask mode, 168
 - saving selections, 165
 - Match Color command
 - about, 119
 - Color Intensity, 120
 - Layer, 120
 - Load Statistics/Save Statistics, 121
 - Luminance, 120
 - Neutralize, 120
 - Source, 120
 - Measure tool, 187
 - megapixels, 27, 28
 - Memory & Image Cache, Preferences, 58–59
 - menus
 - ellipsis, 44
 - grayed out menu items, 44
 - hiding, 52
 - submenus, 44
 - metadata
 - history log, 56
 - Raw file format, 135
 - Midtone Contrast, Shadow/Highlight adjustment, 103
 - midtones, 89, 98
 - Mode menu, 111
 - model color, 111
 - modes, color, 108–111
 - modifier keys, Options bar, 48–49
 - moiré patterns, scanning prints, 68
 - monitors, 28, 368
 - Motion Blur filter, 19, 311
 - moving anchor points, 227–230
 - Multichannel color, 110
 - multicolor shape layers, 217–219
 - Multiply blending mode, 194
- N •
- National Association of Photoshop Professionals (NAPP), 10
 - naturalness, compositing images, 198–199
 - Nearest Neighbor algorithm, 34
 - nesting palettes, 45–46
 - network drives, opening images, 17
 - networks, installing Photoshop, 20
 - Neutralize, Match Color command, 120
 - New Fill Layer menu, 170
 - New Spot Channel dialog box, 114
 - nik Color Efex Pro, 368
 - nik Sharpener Pro, 368
 - noise filters, 315–316
 - Normal blending mode, 19
 - Normal Brush Tip painting tool, 56
 - Normal layers, 194



- object warping, 13
- online tools
 - animation, 351–353
 - links, 349
 - output settings, 345–347
 - rollover buttons, 349–351
 - Save for Web feature, 340–347
 - slicing, 347–349
 - speed, 340
- opacity, compositing images, 196
- opacity, Fade command, 19–20
- Opacity and Fill sliders, layer styles, 251–254
- Open/Open Copy, Camera Raw buttons, 145
- Open Recent menu, 73
- open standards, 136
- opening images, removable media, 17
- operation guidelines
 - about, 43
 - menus, 44–45
 - Options bar, 48–49
 - palettes, 45–48
 - Tool Tips, 44
- optimize palette, 46
- Options bar
 - about, 48
 - freeform tool, 49
 - modifier keys, 48–49
 - Option/Alt key, 49
 - Shift key, 49
 - text, 258–260
- Options bar, palettes, 45
- Orientation, text, 264
- Outer Glow layer effect, 244
- output settings, online tools, 345–347
- Overlay blending mode, 195



- page layout
 - about, 14–15
 - programs, 35
- painting
 - about, 287
 - Brush tool, 289–291
 - Brushes palette, 299–303
 - colors, 292–295
 - dumping, 297–298
 - Eraser tool, 292
 - filling, 297–298
 - gradients, 298–299
 - Healing Brush tool, 295–296
 - History Brush, 293
 - Magic Eraser tool, 292
 - Pencil tool, 291
 - Spot Healing Brush tool, 295–296
 - stroking, 297–298
 - tools, 288–299
- paintings, 359–360
- Palette menus, 270–271
- Palette Well, 45–46, 50
- palettes
 - about, 45–46
 - floating palettes, 45
 - function keys, 50
 - Mac, 46
 - nesting palettes, 45–46
 - optimize palette, 46
 - Preset Manager, 47
 - Windows, 46
- panoramas, compositing images, 204–205
- Paragraph palette
 - about, 266
 - hyphenation, 270
 - indent first line, 270

- indent margins, 269
- justification, 269
 - space before/after, 270
- paragraph type, 257
- paragraphs
 - alignment, 276
 - hyphenating text, 277
 - justification, 276
 - type containers, 274–277
- partially undo command, 18
- Patch tool, 54, 175–176
- Path from Selection, Paths
 - palette, 226
- path segments, 219
- paths, text, 280–283
- Paths palette
 - buttons, 225–227
 - Create New Path, 226
 - Delete Path, 226
 - Fill Path, 226
 - Path from Selection, 226
 - Selection from Path, 226
 - Stroke Path, 226
 - vector art, 223–227
- Pattern Overlay layer effect, 249
- patterns, people problems, 181–182
- PDF file formats, 37, 40–41
- PDF Options dialog box, 41
- PDF Presentation, 12
- PDFs, Automate commands, 326–328
- Pen tool, 219–227
- Pencil tool, 291
- people problems
 - about, 174
 - Aligned option, 182
 - Burn tool, 177
 - Clone stamp, 175–176
 - Clone Stamp tool, 181–182
 - Crop tool, 186–187
 - cropping, 185
 - digital noise, 179–180
 - Dodge tool, 177
 - eye glass glare, 178
 - Filter Gallery, 187
 - green eye, 174
 - Healing Brush, 175–176
 - layer mask, 184
 - layers, 181–182
 - Liquify feature, 177–178
 - luminance noise, 180
 - Measure tool, 187
 - Patch tool, 175–176
 - patterns, 181–182
 - perspective, 186–187
 - red eye, 174
 - reducing, 176–1177
 - removing unwanted, 181–185
 - rotate images, 187
 - Spot Healing Brush, 183
 - teeth whitening, 179
 - Texturizer filter, 187
- perspective, people problems,
 - 186–187
- Photo Filter command, 126
- photo labs, printing images, 80–81
- Photomerge, compositing images,
 - 204–205
- photos, sketches from, 360–361
- Photoshop
 - about, 1, 9
 - about this book, 1–2
 - book organization, 2–4
 - designed to do, 10–12
 - installing, 20–21
 - launching, 16–17
 - other things you can do with, 12–14
 - partner programs, 12
 - parts and processes, 16–21

- Photoshop (*continued*)
 - purpose, 10–12
 - reinstalling, 61–62
 - uses, 10
 - versions, 9
 - workflow, 10–11
- Photoshop Preferences, 15
- pickers, Preset Manager, 47
- picture elements, digital images, 24
- Picture Package command, Automate
 - commands, 330–332
- Pixel Dimensions area, 29
- pixels
 - about, 10
 - adjusting, 10
 - color, 25
 - digital cameras, 369–370
 - digital images, 24–27
 - independence, 25
 - jaggies, 25
 - limitation for Undo command, 18–19
 - megapixels, 27
 - raster, 26
 - rectangular shape, 26
 - resolution, 27–29
 - size, 25
 - square shape, 25
- plug-ins, 21, 58
- Plug-Ins & Scratch Disks,
 - Preferences, 58
- PNG-8 file formats, 39, 344
- PNG-24 file formats, 39, 344
- PNG file formats, 41
- PNG Web graphics file formats, 39
- point type, 257
- Polygon Lasso tool, 156
- pop-up menus, 2
- posterization, 96
- Posterize command, 127–128
- posters, 12
- PostScript, 211
- PowerPoint file formats, 41–42
- PowerPoint presentations, 35
- Precise painting tool, 56
- predefined warps, 278–279
- Preferences
 - about, 55
 - Display & Cursors, 56–57
 - File Handling, 56
 - General, 56
 - General pane, 18
 - Guides, Grid & Slices, 57–58
 - keyboard shortcuts, 55
 - Memory & Image Cache, 58–59
 - Plug-Ins & Scratch Disks, 58
 - resetting, 61
 - settings, 55
 - Smart Guides, 57–58
 - Transparency & Gamut, 57
 - Type, 59
 - Units & Rulers, 57
- Premium Edition, Adobe Creative Suite, 9
- Preserve Photoshop Editing Capabilities, 41
- preserving styles, Style palette, 255
- Preset Manager
 - palettes, 47
 - vector art, 216–217
- preview area, Camera Raw plug-in, 139–140
- Print with Preview command, 53, 77–78

printers, resolution, 29
printing images
 about, 74
 alternatives, 80–81
 color laser printers, 80
 color management, 78–80
 cropping to aspect ratio, 74–75
 inkjet printers, 81
 photo labs, 80–81
 Print with Preview, 77–78
 resolution, 76
problems
 about, 173
 people, 174–179
profile color, 108
PSB (Large Document Format) file
 format, 38
PSD file format, 17, 36

• Q •

quarter tones, 98
Quick Mask mode, 168

• R •

Radial Blur filter, 311
Radius, Shadow/Highlight
 adjustment, 103
rain, creating, 361–362
RAM, 21, 367
raster, 26, 151
raster art program, 11
raster image processor, 109
raster imagery, 210
ratings, Adobe Bridge, 72

Raw file format
 about, 133–135
 advantages, 133–135
 DNG (digital negative) file, 136
 metadata, 135
 photos, 17, 113
 requirements, 137
 sidecar file, 135
 Web site, 137
 working with, 135–137
Reconstruct Options, filters, 321
recording color, 113
Rectangular Marquee tool, 48–49, 153
rectangular shape pixels, 26
red-eye, 11
Red Eye tool, 174
reducing size, people, 176–1177
reducing to Undo, Fade command,
 19–20
reinstalling Photoshop, 61–62
reminders, save images, 18
removable media, opening images, 17
removing
 fonts, 284–286
 unwanted people problems,
 181–185
renaming image files, 73–74
Replace Color feature, 362–363
Resample Image check box, 31–32
resampling
 about, 31
 versus cropping, 33
 methods, 34
resampling algorithms, 31
Reselect command, 159
Reset Palette Locations command, 50
resetting Preferences, 61

- resolution
 - cameras, 28
 - image resolution, 28
 - Mac, 28
 - monitors, 28
 - pixels, 27–29
 - printers, 29
 - printing images, 76
 - Windows, 29
- RGB color, 109
- RGB working space, 59
- rights-managed photos, 66
- rollover buttons, 349–351
- rotate images, people problems, 187
- royalty-free images, 66

• S •

- Satin layer effect, 247
- Save, Camera Raw buttons, 145
- Save for Web feature, 340–347
- Save Optimized As command, 15
- saved path, vector art, 225
- saving
 - brush tips, 303
 - files, 17–18
 - keyboard shortcuts, 51
 - layer styles, 254–255
 - rollover buttons, 351
 - selections, masks, 165
 - workspaces, 51
- Scale Styles check box, 30
- scaled, 211
- scaling, Character palettes, 267
- scaling software, 368
- scan resolution, 67–66
- scanners cleaning, 68–69
- scanning photos, Automate
 - commands, 330
- scanning prints
 - images importing, 67–69
 - moiré patterns, 68
 - scan resolution, 67–66
- scattering, 301
- scratch disks, 58
- Screen blending mode, 194
- Select All command, 158
- selection commands
 - about, 158
 - Color Range command, 159–160
 - Deselect, 158
 - fixes, 148–150
 - image resolution, 35
 - Inverse, 159
 - mask-related commands, 164
 - Reselect, 159
 - Select All, 158
 - selection modification commands, 160–162
 - Transform commands, 162–164
- Selection from Path, Paths
 - palette, 226
- selection modification commands
 - about, 160
 - Border command, 161
 - Contract command, 161
 - Expand command, 161
 - Feather command, 161
 - Smooth command, 161
- selection tools
 - lasso selection tools, 154–157
 - Magic Wand tool, 157–158
 - Marquee selection tools, 153–154
- selections, inverting, 104

- Selective Color command, 121–122
- sets, plug-ins, 21
- settings, Preferences, 55
- Settings pop-up menu, Camera Raw plug-in, 141
- Shadow/Highlight adjustment
 - about, 99
 - Amount, 102
 - Clip, 103
 - Color Correction/Brightness, 103
 - Midtone Contrast, 103
 - Radius, 103
 - Tonal Width, 102
- Shadow/Highlight command, 127
- shadows, 89
- Shape Blur filter, 311
- Shape Dynamics, 301
- shape layer path, vector art, 225
- shape layers
 - about, 210
 - changing appearance, 217
 - multicolor, 217–219
 - vector art, 212–219
- Sharpen filter, 306
- Sharpen More filter, 306
- sharpening filters, 306
- Shear filter, 321–322
- Shift key, Options bar, 49
- shortcuts
 - about, 4–5
 - keyboard shortcuts, 18
- Show Slice Numbers option, 58
- sidecar file, Raw file format, 135
- Single Column Marquee tools, 153
- Single Row Marquee tools, 153
- 16-bit/channel color, 112–113
- size
 - Camera Raw plug-in, 140
 - changing artwork, 30–33
 - e-mailed images, 84
 - pixels, 25
 - sketches from photos, 360–361
 - skin, smoothing, 358–359
 - slicing online tools, 347–349
- Smart Blur command, 54
- Smart Blur filter, 180, 311
- Smart Guides, Preferences, 57–58
- Smart Objects, 13
- Smart Sharpen command, 54
- Smart Sharpen filter, 306
- smooth anchor points, 220
- Smooth command, 161
- snow, creating, 361–362
- Soft Light blending mode, 195
- software, 368
- Source, Match Color command, 120
- source state, 19
- space, Camera Raw plug-in, 140
- space before/after, Paragraph palette, 270
- special effects, 13
- speed, online tools, 340
- spell check feature, 12
- Spherize filters, 321–322
- Sponge tool, 174
- Spot Channel command, 114
- spot channels, 40
- spot color, 114, 295
- Spot Healing Brush, people problems, 183
- Spot Healing Brush tool, 295–296
- square shape pixels, 25
- Standard Edition, Adobe Creative Suite, 9

- Standard painting tool, 56
 - Start menu (Windows), 16
 - Step Backward command, keyboard shortcuts, 53
 - stochastic printers, 35
 - stock images, 66
 - stroke, 210
 - Stroke Overlay layer effect, 250
 - Stroke Path, Paths palette, 226
 - stroking, painting, 297–298
 - Stuffit, 84
 - Style palette
 - adding styles, 254
 - preserving styles, 255
 - sub folders, images organization, 70
 - submenus, 44
 - subtractive color mode, 109
 - Suitcase, 21
 - Surface Blur filter, 311–312
 - sweet spot, Web graphics file formats, 38
- T •**
- teeth whitening, 179
 - text
 - about, 257–258
 - adding images to, 271–273
 - Alignment, 265
 - Anti-Aliasing, 265
 - Character palettes, 266–267
 - Font menu, 264
 - Font Size, 264–265
 - Font Style, 264
 - fonts, 283–286
 - options, 263–266
 - Options bar, 258–260
 - Orientation, 264
 - palettes, 266–271
 - Paragraph palettes, 266–270
 - paragraph type, 257
 - paths, 280–283
 - point type, 257
 - Tool Presets, 264
 - Type Color, 265
 - type tools, 260–263
 - Warp Text, 265, 277
 - warp type, 258
 - Texture pane, 301
 - Texturizer filter, people problems, 187
 - three-quarter tones, 98
 - thumbnails, Automate commands, 328–329
 - TIFF file formats, 36–37, 39, 113
 - tonal range, 88
 - Tonal Width, Shadow/Highlight adjustment, 102
 - tonality
 - about, 87
 - adjusting, 88
 - toning tools, 105–106
 - Tool Presets
 - customizing, 54
 - text, 264
 - Tool Presets palette, 46
 - Tool Tips, 44
 - Toolbox, palettes, 45
 - tools
 - Camera Raw plug-in, 138–139
 - painting, 288–299
 - Transform commands, 34, 162–164
 - transparency, compositing
 - images, 196
 - Transparency & Gamut, Preferences, 57
 - transparency adapters, 68

tripods, 368
 tweening, 352–353
 Type Color, 265
 type containers, paragraphs, 274–277
 Type Preferences, 59
 type tools, text, 260–263

• U •

Undo command
 about, 18
 Fade command reducing, 19–20
 pixels limitation, 18–19
 Undo/Redo command, 53
 uninstalling Photoshop, 20
 Units & Rulers, Preferences, 57
 Unsharp Mask command, keyboard shortcuts, 54
 Unsharp Mask filter, 306–309
 upsampling, 140

• V •

Vanishing Point feature, 15, 200–203
 Variations feature, color, 128–129
 vector art
 about, 209
 clipping paths, 223–224
 Custom Shape tool, 213–214
 paths, 219–220
 Paths palette, 223–227
 Pen tool, 219–227
 Preset Manager, 216–217
 saved path, 225
 shape layer path, 225
 shape layers, 212–219
 vector mask, 225
 work path, 225

vector artwork, 11
 vector mask, 225
 vector paths
 about, 210
 adding anchor points, 227–230
 combining paths, 230–232
 custom fonts, 232–233
 customizing, 227–233
 deleting anchor points, 227–230
 moving anchor points, 227–230
 Version Cue, 56
 Vertical Type tool, 260
 video editing programs, 13
 views, Adobe Bridge, 72
 Visual Basic, 338

• W •

Wacom tablet, 367–368
 Warp Text, 265, 277
 warp type, 258
 warping, object, 13
 warps, predefined, 278–279
 WBMP file format, 344
 Web graphics creation, 12
 Web graphics file formats
 about, 38
 GIF, 39
 JPG, 38
 PNG, 39
 sweet spot, 38
 Web images resolution, 35
 Web pages, 15–16
 Web Photo Gallery, 12, 81–83
 web-safe colors, 295
 Web scanning prints, 67

Web sites

- Adobe Camera Raw plug-in, 17

- Adobe tech support, 62

- ColorVision, 79

- font management, 21

- fonts, 284

- fonts software, 368

- GretagMacBeth, 79

- masking software, 368

- nik Color Efex Pro, 368

- nik Sharpener Pro, 368

- Raw file format, 137

- scaling software, 368

- scripts, 338

- white, defined, 95

- white backgrounds, 363

Windows

- fonts, 284–286

- images importing, 65

- palettes, 46

- reinstalling Photoshop, 61–62

- resolution, 29

- shortcuts, 4–5

- WinZip, 84

- WMF file formats, 41

- Word file formats, 41–42

- word processing documents, 35

- work path, vector art, 225

- workflow, Photoshop, 10–11

- workflow options, Camera Raw

 - plug-in, 140–141

- working with Raw file format,

 - 135–137

- workspaces

 - Adobe Bridge, 72

 - customizing, 50–52

 - saving, 51

- wrinkles

 - minimizing, 11

 - reducing, 106



- Zip disks, opening images, 17

