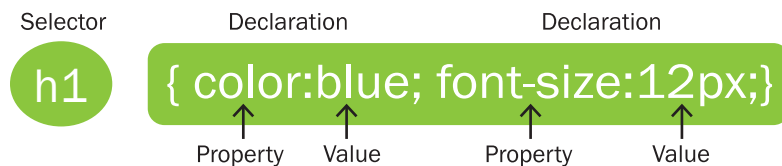


CSS SYNTAX

A CSS rule has two main parts: a **selector** and one or more **declarations**.



The **selector** is normally the HTML element you want to style.

Each **declaration** consists of a **property** and a **value**.

The **property** is the style attribute you want to change. Each property has a **value**.

CSS Example

CSS declarations always end with a semicolon, and declaration groups are surrounded by curly brackets:

```
p {color:red;text-align:center}
```

To make the CSS more readable, you can put one declaration on each line, like this:

```
p
{
  color:red;
  text-align:center;
}
```

The result of this code is shown in Figure 1.1.

Try it yourself >>

```
<html>
<head>
<style type="text/css">
  p
  {
```

(continued)

(continued)

```
        color:red;
        text-align:center;
    }
</style>
</head>

<body>
<p>Hello world!</p>
<p>This paragraph is styled with CSS.</p>
</body>
</html>
```

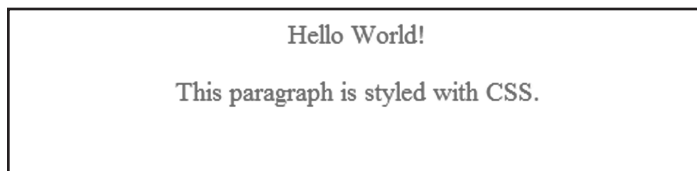


Figure 1.1

CSS Comments

Comments are used to explain your code and may help you when you edit the source code at a later date. Comments are ignored by browsers.

A CSS comment begins with `/*` and ends with `*/`, like this:

```
/*This is a comment*/
p
{
    text-align:center;
    /*This is another comment*/
    color:black;
    font-family:arial
}
```

Style Sheet Examples

This HTML file links to an external style sheet with the `<link>` tag. The result of this code is shown in Figure 1.2.

```
<html>
<head>
<link rel="stylesheet"
type="text/css" href="ex1.css" />
</head>

<body>

<h1>This header is 36 pt</h1>
<h2>This header is blue</h2>

<p>This paragraph has a left margin of 50 pixels</p>

</body>
</html>
```

This is the style sheet file (ex1.css):

```
body
{
  background-color:yellow;
}
h1
{
  font-size:36pt;
}
h2
{
  color:blue;
}
p
{
  margin-left:50px;
}
```



Figure 1.2

This HTML file also links to an external style sheet with the `<link>` tag. The result of this code is shown in Figure 1.3.

```
<html>
<head>
<link rel="stylesheet" type="text/css"
href="ex2.css" />
</head>

<body>

<h1>This is a header 1</h1>
<hr />

<p>You can see that the style
sheet formats the text</p>

<p><a href="http://www.w3schools.com"
target="_blank">This is a link</a></p>

</body>
</html>
```

This is the style sheet file (ex2.css):

```
body {background-color: tan}
h1 {color:maroon; font-size:20pt}
hr {color:navy}
p {font-size:11pt; margin-left: 15px}
a:link {color:green}
a:visited {color:yellow}
```

```
a:hover {color:black}  
a:active {color:blue}
```

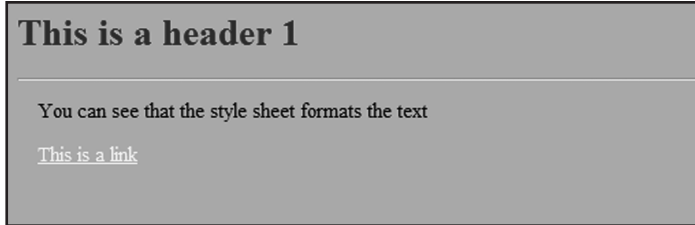


Figure 1.3