6. BACKGROUND

This chapter teaches you how to set backgrounds of various HTML elements. You can set the following background properties of an element:

- The **b**

ackground-color property is used to set the background color of an element.

- The **background-image** property is used to set the background image of an element.

- The **background-repeat** property is used to control the repetition of an image in the background.

- The **background-position** property is used to control the position of an image in the background.

- The **background-attachment** property is used to control the scrolling of an image in the background.

- The **background** property is used as a shorthand to specify a number of other background properties.

Set the Background Color

Following is the example, which demonstrates how to set the background color for an element.

```
<p style="background-color:yellow;">

This text has a yellow background color.

</p>
```

It will produce the following result:

This text has a yellow background color.

Set the Background Image

```
<table style="background-image:url(/images/pattern1.gif);">

<tr><td>

This table has background image set.

</td></tr>

</table>
```

Repeat the Background Image

The following example demonstrates how to repeat the background image if an image is small. You can use *no-repeat* value for the *background-repeat* property if you don't want to repeat an image. In this case, the image will display only once.

By default, the *background-repeat* property will have a *repeat* value.

```
<table style="background-image:url(/images/pattern1.gif);

              background-repeat: repeat;">

<tr><td>

This table has background image which repeats multiple times.

</td></tr>

</table>
```

The following example which demonstrates how to repeat the background image vertically.

```
<table style="background-image:url(/images/pattern1.gif);

              background-repeat: repeat-y;">

<tr><td>

This table has background image set which will repeat vertically.

</td></tr>

</table>
```

The following example demonstrates how to repeat the background image horizontally.

```
<table style="background-image:url(/images/pattern1.gif);

              background-repeat: repeat-x;">

<tr><td>

This table has background image set which will repeat

horizontally. </td></tr>

</table>
```

Set the Background Image Position

The following example demonstrates how to set the background image position 100 pixels away from the left side.

```
<table style="background-image:url(/images/pattern1.gif);

              background-position:100px;">

<tr><td>

Background image positioned 100 pixels away from the left.

</td></tr>

</table>
```

The following example demonstrates how to set the background image position 100 pixels away from the left side and 200 pixels down from the top.

```
<table style="background-image:url(/images/pattern1.gif);

              background-position:100px 200px;">

<tr><td>

This table has background image positioned 100

pixels away from the left and 200 pixels from the

top. </td></tr>

</table>
```

Set the Background Attachment

Background attachment determines whether a background image is fixed or scrolls with the rest of the page.

The following example demonstrates how to set the fixed background image.

```
<p style="background-image:url(/images/pattern1.gif);
          background-attachment:fixed;">

This parapgraph has fixed background image.

</p>
```

The following example demonstrates how to set the scrolling background image.

```
<p style="background-image:url(/images/pattern1.gif);
          background-attachment:scroll;">

This parapgraph has scrolling background image.

</p>
```

Shorthand Property

You can use the *background* property to set all the background properties at once. For example:

```
<p style="background:url(/images/pattern1.gif) repeat fixed;">

This parapgraph has fixed repeated background image.

</p>
```