CSS - Backgrounds

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

- The **background-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.

Live Demo

```html
<html>
   <head>
   </head>

   <body>
      <p style = "background-color:yellow;">
         This text has a yellow background color.
      </p>
   </body>
</html>
```

This will produce following result −

This text has a yellow background color.

Set the Background Image

We can set the background image by calling local stored images as shown below −

Live Demo

```html
<html>
   <head>
      <style>
         body  {
             background-image: url("/css/images/css.jpg");
             background-color: #cccccc;
         }
      </style>
   </head>

   <body>
      <h1>Hello World!</h1>
   </body>
<html>
```

It will produce the following result −

Hello World!

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 *background-repeat* property if you don't want to repeat an image, in this case image will display only once.

By default *background-repeat* property will have *repeat* value.

Live Demo

```html
<html>
   <head>
      <style>
         body {
             background-image: url("/css/images/css.jpg");
             background-repeat: repeat;
         }
      </style>
```

```
    </head>

    <body>
        <p>Tutorials point</p>
    </body>
</html>
```

It will produce the following result −

Tutorials point

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

Live Demo
```
<html>
    <head>
        <style>
            body {
                background-image: url("/css/images/css.jpg");
                background-repeat: repeat-y;
            }
        </style>
    </head>

    <body>
        <p>Tutorials point</p>
    </body>
</html>
```

It will produce the following result −

Tutorials point

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

Live Demo
```
<html>
    <head>
        <style>
            body {
                background-image: url("/css/images/css.jpg");
                background-repeat: repeat-x;
            }
```

```
        </style>
    </head>

    <body>
        <p>Tutorials point</p>
    </body>
</html>
```

It will produce the following result −

Tutorials point

Set the Background Image Position

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

Live Demo
```
<html>
    <head>
        <style>
            body {
                background-image: url("/css/images/css.jpg");
                background-position:100px;
            }
        </style>
    </head>

    <body>
        <p>Tutorials point</p>
    </body>
</html>
```

It will produce the following result −

Tutorials point

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.

Live Demo
```
<html>
```

```
    <head>
        <style>
            body {
                background-image: url("/css/images/css.jpg");
                background-position:100px 200px;
            }
        </style>
    </head>

    <body>
        <p>Tutorials point</p>
    </body>
 </html>
```

It will produce the following result −

Tutorials point

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.

Live Demo

```
<!DOCTYPE html>
<html>
    <head>
        <style>
            body {
                background-image: url('/css/images/css.jpg');
                background-repeat: no-repeat;
                background-attachment: fixed;
            }
        </style>
    </head>

    <body>
        <p>The background-image is fixed. Try to scroll down the page.</p>
        <p>The background-image is fixed. Try to scroll down the page.</p>
        <p>The background-image is fixed. Try to scroll down the page.</p>
        <p>The background-image is fixed. Try to scroll down the page.</p>
```

```
        <p>The background-image is fixed. Try to scroll down the page.</p>
        <p>The background-image is fixed. Try to scroll down the page.</p>
        <p>The background-image is fixed. Try to scroll down the page.</p>
        <p>The background-image is fixed. Try to scroll down the page.</p>
        <p>The background-image is fixed. Try to scroll down the page.</p>
    </body>
</html>
```

It will produce the following result −

The background-image is fixed. Try to scroll down the page.

The background-image is fixed. Try to scroll down the page.

The background-image is fixed. Try to scroll down the page.

The background-image is fixed. Try to scroll down the page.

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The background-image is fixed. Try to scroll down the page.

The background-image is fixed. Try to scroll down the page.

The background-image is fixed. Try to scroll down the page.

The background-image is fixed. Try to scroll down the page.

The background-image is fixed. Try to scroll down the page.

The background-image is fixed. Try to scroll down the page.

If you do not see any scrollbars, try to resize the browser window.

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

Live Demo

```
<!DOCTYPE html>
<html>
    <head>
        <style>
```

```
        body {
            background-image: url('/css/images/css.jpg');
            background-repeat: no-repeat;
            background-attachment: fixed;
            background-attachment:scroll;
        }
    </style>
</head>

<body>
    <p>The background-image is fixed. Try to scroll down the page.</p>
    <p>The background-image is fixed. Try to scroll down the page.</p>
    <p>The background-image is fixed. Try to scroll down the page.</p>
    <p>The background-image is fixed. Try to scroll down the page.</p>
    <p>The background-image is fixed. Try to scroll down the page.</p>
    <p>The background-image is fixed. Try to scroll down the page.</p>
    <p>The background-image is fixed. Try to scroll down the page.</p>
    <p>The background-image is fixed. Try to scroll down the page.</p>
    <p>The background-image is fixed. Try to scroll down the page.</p>
</body>
</html>
```

It will produce the following result −

The background-image is fixed. Try to scroll down the page.

The background-image is fixed. Try to scroll down the page.

The background-image is fixed. Try to scroll down the page.

The background-image is fixed. Try to scroll down the page.

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The background-image is fixed. Try to scroll down the page.

The background-image is fixed. Try to scroll down the page.

The background-image is fixed. Try to scroll down the page.

If you do not see any scrollbars, try to resize the browser window.

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>
```

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21 Lectures   2.5 hours

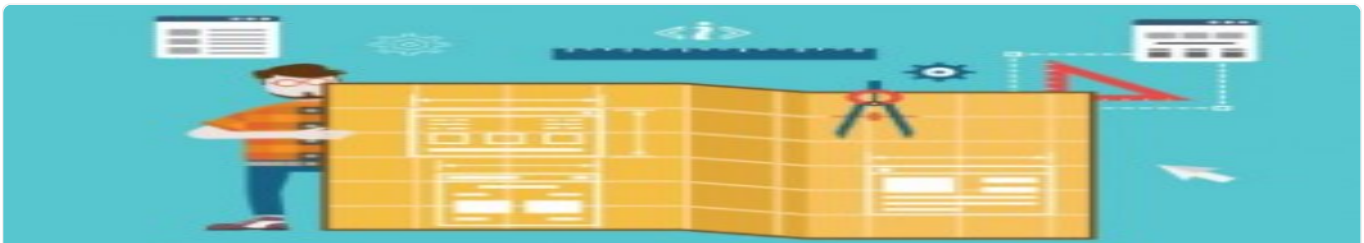   DigiFisk (Programming Is Fun)

More Detail

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More Detail

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   DigiFisk (Programming Is Fun)

More Detail