

CSS Text Color

```
<!DOCTYPE html>

<html>

<body>

<h3 style="color:Tomato;">Hello World</h3>

<p style="color:DodgerBlue;">Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam
nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.</p>

<p style="color:MediumSeaGreen;">Ut wisi enim ad minim veniam, quis nostrud exerci tation
ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat.</p>

</body>

</html>
```

CSS Border Color

```
<!DOCTYPE html>

<html>

<body>

<h1 style="border: 12px solid Tomato;">Hello World</h1>

<h1 style="border: 2px dotted DodgerBlue;">Hello World</h1>

<h1 style="border: 2px dashed Violet;">Hello World</h1>

</body>

</html>
```

CSS Color Values

RGB values

```
rgb(255, 99, 71)
```

HEX values

#ff6347

color name

Green

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
```

```
p {
```

```
  border-bottom: 6px solid red;
```

```
  background-color: lightgrey;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<h2>The border-bottom Property</h2>
```

```
<p>This property is a shorthand property for border-bottom-width, border-bottom-style, and border-bottom-color.</p>
```

```
</body>
```

```
</html>
```

CSS Background Color

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<h1 style="background-color:DodgerBlue;">Hello World</h1>
```

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

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

Ut wisi enim ad minim veniam, quis nostrud exercitation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat.

```
</p>
```

```
</body>
```

```
</html>
```

Other CSS background properties:

- background-color
- background-image
- background-repeat
- background-attachment
- background-position

Background Image

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
```

```
body {
```

```
    background-image: url("paper.gif");
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

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

```
<p>This page has an image as the background!</p>
```

```
</body>
```

```
</html>
```

Background Image - Repeat Horizontally or Vertically

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
```

```
body {
```

```
    background-image: url("gradient_bg.png");
```

```
    background-repeat: repeat-x;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

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

```
<p>Here, a background image is repeated only horizontally!</p>
```

```
</body>
```

```
</html>
```

Background Image - Set position and no-repeat

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
```

```
body {  
    background-image: url("img_tree.png");  
    background-repeat: no-repeat;  
    background-position: right top;  
}  
  
</style>  
  
</head>  
  
<body>  
  
<h1>Hello World!</h1>  
  
<p>W3Schools background image example.</p>  
  
<p>The background image is only showing once, but it is disturbing the reader!</p>  
  
</body>  
  
</html>
```

Background Image - Fixed position

```
<!DOCTYPE html>  
  
<html>  
  
<head>  
  
<style>  
  
body {  
  
    background-image: url("img_tree.png");  
  
    background-repeat: no-repeat;  
  
    background-position: right top;  
  
    margin-right: 200px;  
  
    background-attachment: fixed;  
  
}
```

</style>

</head>

<body>

<h1>Hello World!</h1>

<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>

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

<p>If you do not see any scrollbars, try to resize the browser window.</p>

</body>

</html>

Background - Shorthand property

```
body {  
  background: #ffffff url("img_tree.png") no-repeat right top;  
}
```

CSS Margin

<!DOCTYPE html>

<html>

<head>

<style>

div {

border: 1px solid black;

margin-top: 100px;

margin-bottom: 100px;

margin-right: 150px;

margin-left: 80px;

background-color: lightblue;

}

</style>

</head>

<body>

```
<h2>Using individual margin properties</h2>
```

```
<div>This div element has a top margin of 100px, a right margin of 150px, a bottom margin of 100px,  
and a left margin of 80px.</div>
```

```
</body>
```

```
</html>
```

CSS Padding

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
```

```
div {
```

```
    border: 1px solid black;
```

```
    background-color: lightblue;
```

```
    padding-top: 50px;
```

```
    padding-right: 30px;
```

```
    padding-bottom: 50px;
```

```
    padding-left: 80px;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<h2>Using individual padding properties</h2>
```

```
<div>This div element has a top padding of 50px, a right padding of 30px, a  
bottom padding of 50px, and a left padding of 80px.</div>
```

```
</body>
```

```
</html>
```


CSS Height and Width

```
<!DOCTYPE html>

<html>

<head>

<style>

div {

    height: 100px;

    width: 500px;

    background-color: powderblue;

}

</style>

</head>

<body>

<h2>Set the height and width of an element</h2>

<p>This div element has a height of 100px and a width of 500px:</p>

<div></div>

</body>

</html>
```

```
div {
    height: 100px;
    width: 500px;
    background-color: powderblue;
}
```

CSS Outline

```
<!DOCTYPE html>
```

```
<html>
<head>
<style>
p {
  border: 2px solid black;
  outline: #4CAF50 solid 10px;
  margin: auto;
  padding: 20px;
  text-align: center;
}
</style>
</head>
<body>
<p>This element has a 2px black border and a green outline with a width of
10px.</p>
</body>
</html>
```



```
<!DOCTYPE html>
<html>
<head>
<style>
a {
  color: hotpink;
}
```

```
</style>
</head>
<body>
<p><b><a href="default.asp" target="_blank">This is a link</a></b></p>
</body>
</html>
```

CSS Transitions

```
<!DOCTYPE html>
<html>
<head>
<style>
div {
    width: 100px;
    height: 100px;
    background: red;
    -webkit-transition: width 2s; /* For Safari 3.1 to 6.0 */
    transition: width 2s;
}
div:hover {
    width: 300px;
}
</style>
</head>
```

```
<body>

<h1>The transition Property</h1>

<p>Hover over the div element below, to see the transition effect:</p>

<div></div>

<p><b>Note:</b> This example does not work in Internet Explorer 9 and earlier versions.</p>

</body>

</html>
```

```
<!DOCTYPE html>

<html>

<head>

<style>

div {

    width: 100px;

    height: 100px;

    background: red;

    -webkit-transition: width 2s, height 4s; /* For Safari 3.1 to 6.0 */

    transition: width 2s, height 4s;

}

div:hover {

    width: 300px;

    height: 300px;

}

</style>

</head>

<body>
```

```
<h1>The transition Property</h1>
```

```
<p>Hover over the div element below, to see the transition effect:</p>
```

```
<div></div>
```

```
<p><b>Note:</b> This example does not work in Internet Explorer 9 and earlier versions.</p>
```

```
</body>
```

```
</html>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
```

```
div {
```

```
    width: 100px;
```

```
    height: 100px;
```

```
    background: red;
```

```
    transition: width 3s;
```

```
    transition-delay: 1s;
```

```
}
```

```
div:hover {
```

```
    width: 300px;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<h1>The transition-delay Property</h1>
```

```
<p>Hover over the div element below, to see the transition effect:</p>
```

```
<div></div>
```

```
<p><b>Note:</b> The transition effect has a 1 second delay before  
starting.</p>
```

```
</body>
```

```
</html>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
```

```
div {  
    width: 100px;  
    height: 100px;  
    background: red;  
    transition: width 2s, height 2s, transform 2s;  
}
```

```
div:hover {  
    width: 300px;  
    height: 300px;
```

```
    transform: rotate(180deg);
}
</style>
</head>
<body>

<h1>Transition + Transform</h1>

<p>Hover over the div element below:</p>

<div></div>

</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
<style>
div {
    width: 100px;
    height: 100px;
    background: red;
    transition-property: width;
    transition-duration: 2s;
    transition-timing-function: linear;
```

```
    transition-delay: 1s;
}
```

```
div:hover {
    width: 300px;
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<h1>The transition Properties Specified One by One</h1>
```

```
<p>Hover over the div element below, to see the transition effect:</p>
```

```
<div></div>
```

```
<p><b>Note:</b> The transition effect has a 1 second delay before
starting.</p>
```

```
</body>
```

```
</html>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<style>
```



```
div {
    width: 100px;
    height: 100px;
    background: red;
    transition: 5s;
}
div:hover {
    width: 300px;
    height: 200px;
    background-color: green;
}
</style>
</head>

<body>

<h1>The transition Property</h1>

<p>Hover over the div element below, to see the transition effect:</p>

<div></div>

<p><b>Note:</b> This example does not work in Internet Explorer 9 and earlier
versions.</p>

</body>

</html>


---


<!DOCTYPE html>

<html>

<head>

<style>
```

```
div {
    width: 100px;
    height: 100px;
    background: red;
    transition: color 5s;
}
div:hover {
    width: 300px;
    height: 200px;
    background-color: green;
    color: white;
}
</style>
</head>

<body>

<h1>The transition Property</h1>

<p>Hover over the div element below, to see the transition effect:</p>

<div>hellooooooooo</div>

<p><b>Note:</b> This example does not work in Internet Explorer 9 and earlier
versions.</p>

</body>

</html>
```