

Cascading Style Sheets

❖ The Text Property

✓ The text-align Properties

It can change the horizontal alignment of the text. The following are the four possible values that are used with the text-align property:

- **Center** Changes the text in the middle of the containing element
- **justify** Fits the text in the containing element
- **left** Aligns the text at the left side of the containing element
- **right** Aligns the text at the right side of the containing element

```
<!DOCTYPE html>
<html> <head><style>
div.a { text-align: center;}
div.b { text-align: left;}
div.c { text-align: right;}
div.d { text-align: justify;}
</style></head>
<body><h1>The text-align Property</h1>
<div class="a"><h2>text-align: center:</h2>
<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam semper diam at erat
pulvinar, at pulvinar felis blandit. Vestibulum volutpat tellus diam, consequat gravida
libero rhoncus ut.</p>
</div>
<div class="b"><h2>text-align: left:</h2>
<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam semper diam at erat
pulvinar, at pulvinar felis blandit. Vestibulum volutpat tellus diam, consequat gravida
libero rhoncus ut.</p>
</div>
<div class="c"><h2>text-align: right:</h2>
<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam semper diam at erat
pulvinar, at pulvinar felis blandit. Vestibulum volutpat tellus diam, consequat gravida
libero rhoncus ut.</p>
</div>
<div class="d"><h2>text-align: justify:</h2>
<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam semper diam at erat
pulvinar, at pulvinar felis blandit. Vestibulum volutpat tellus diam, consequat gravida
libero rhoncus ut.</p>
</div></body></html>
```

Output:

The text-align Property

text-align: center:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam semper diam at erat pulvinar, at pulvinar felis blandit. Vestibulum volutpat tellus diam, consequat gravida libero rhoncus ut.

text-align: left:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam semper diam at erat pulvinar, at pulvinar felis blandit. Vestibulum volutpat tellus diam, consequat gravida libero rhoncus ut.

text-align: right:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam semper diam at erat pulvinar, at pulvinar felis blandit. Vestibulum volutpat tellus diam, consequat gravida libero rhoncus ut.

text-align: justify:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam semper diam at erat pulvinar, at pulvinar felis blandit. Vestibulum volutpat tellus diam, consequat gravida libero rhoncus ut.

✓ The text-align-last Properties

It specifies the alignment of the last line of a text. The possible values are start, end, center, left, right, justify, and size.

```
<html><head><style>
div.a { text-align: justify; /* For Edge */
        -moz-text-align-last: right; /* For Firefox prior 58.0 */
        text-align-last: right;}
div.b { text-align: justify; /* For Edge */
        -moz-text-align-last: center; /* For Firefox prior 58.0 */
        text-align-last: center;}
div.c { text-align: justify; /* For Edge */
        -moz-text-align-last: justify; /* For Firefox prior 58.0 */
        text-align-last: justify;}
</style></head>
<body><h1>The text-align-last Property</h1>
<h2>text-align-last: right:</h2><div class="a">
  <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam semper
diam at erat pulvinar, at pulvinar felis blandit. Vestibulum volutpat tellus
diam, consequat gravida libero rhoncus ut.</p>
</div>
<h2>text-align-last: center:</h2><div class="b">
  <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam semper
diam at erat pulvinar, at pulvinar felis blandit. Vestibulum volutpat tellus
diam, consequat gravida libero rhoncus ut.</p>
</div>
<h2>text-align-last: justify:</h2><div class="c">
  <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam semper
diam at erat pulvinar, at pulvinar felis blandit. Vestibulum volutpat tellus
diam, consequat gravida libero rhoncus ut.</p>
</div></body></html>
```

Output:

The text-align-last Property

text-align-last: right:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam semper diam at erat pulvinar, at pulvinar felis blandit. Vestibulum volutpat tellus diam, consequat gravida libero rhoncus ut.

text-align-last: center:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam semper diam at erat pulvinar, at pulvinar felis blandit. Vestibulum volutpat tellus diam, consequat gravida libero rhoncus ut.

text-align-last: justify:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam semper diam at erat pulvinar, at pulvinar felis blandit. Vestibulum volutpat tellus diam, consequat gravida libero rhoncus ut.

✓ The text-decoration Properties

It performs various actions on the text, such as underlining the text, over lining the text, striking out the text, and making the text to blink, the different values of the text-decoration property are as follows.

- **Underline** Underlines the text
- **Overline** Draws a line over the text
- **Line-through** Strikes out the text
- **Blink** Makes the text to blink
- **None** Does not alter the original text

```
<!DOCTYPE html>
<html><head><style>
h1 { text-decoration: overline;}
h2 { text-decoration: line-through;}
h3 { text-decoration: underline;}
h4 { text-decoration: underline overline;}
</style></head>
<body>
<h1>This is heading 1</h1>
<h2>This is heading 2</h2>
<h3>This is heading 3</h3>
<h4>This is heading 4</h4>
</body></html>
```

This is heading 1

~~This is heading 2~~

This is heading 3

This is heading 4

✓ The text-decoration-line Properties

It defines the decoration for the lines of an element. The following are the possible values:

- **none** Provides no decoration
- **underline** Underlines the text
- **overline** Provides a line above the text
- **line-through** Provides a line in the middle of the text

```
<!DOCTYPE html>
<html><head><style>
div.a { -webkit-text-decoration-line: overline; /*Safari*/
text-decoration-line: overline; }
div.b { -webkit-text-decoration-line: underline; /*Safari*/
text-decoration-line: underline; }
div.c { -webkit-text-decoration-line: line-through; /*Safari*/
text-decoration-line: line-through; }
div.d { -webkit-text-decoration-line: overline underline; |
text-decoration-line: overline underline; }
</style></head>
<body><h1>The text-decoration-line Property</h1>
<div class="a">This is some text with a line on top.</div><br>
<div class="b">This is some text with an underline.</div><br>
<div class="c">This is some text with a line-through.</div>
<br>
<div class="d">This is some text with an overline and an
underline.</div>
<p><b>Note:</b> The text-decoration-line property is not
supported in Edge/Internet Explorer, and only with a -webkit-
prefix in Safari.</p>
</body></html>
```

The text-decoration-line Property

This is some text with a line on top.

This is some text with an underline.

~~This is some text with a line-through.~~

This is some text with an overline and an underline.

Note: The text-decoration-line property is not supported in Edge/Internet Explorer, and only with a -webkit- prefix in Safari.

✓ The text-decoration-color Properties

It defines the color of the text decoration line that is specified using the text-decoration-line property.

```
<!DOCTYPE html>
<html><head><style>
p { text-decoration: underline;
    text-decoration-color: red;
    -webkit-text-decoration-color: red; /*Safari*/ }
</style></head>
<body><h1>The text-decoration-color Property</h1>
<p>The color of the underline should now be red!
</p>
<p><strong>Note:</strong> The text-decoration-
color property is not supported in Edge/Internet
Explorer.</p>
</body></html>
```

The text-decoration-color Property

The color of the underline should now be red!

Note: The text-decoration-color property is not supported in Edge/Internet Explorer.

✓ The text-decoration-style Properties

It defines the style of the text decoration line specified using the text-decoration-line property.

```
<!DOCTYPE html>
<html><head><style>
div.a { text-decoration-line: underline;
        text-decoration-style: solid;}
div.b { text-decoration-line: underline;
        text-decoration-style: wavy;}
div.c { text-decoration-line: underline;
        text-decoration-style: double;}
div.d { text-decoration-line: overline underline;
        text-decoration-style: wavy;}
</style></head>
<body><h1>The text-decoration-style Property</h1>
<div class="a">This is some text with a solid underline.
</div><br>
<div class="b">This is some text with a wavy underline.
</div> <br>
<div class="c">This is some text with a double underline.
</div><br>
<div class="d">This is some text with a wavy over- and
underline.</div>
<p><b>Note:</b> The text-decoration-line property is not
supported in Edge/Internet Explorer.</p>
</body></html>
```

The text-decoration-style Property

This is some text with a solid underline.

This is some text with a wavy underline.

This is some text with a double underline.

This is some text with a wavy over- and underline.

Note: The text-decoration-line property is not supported in Edge/Internet Explorer.

(To be continuing...)

Exercise:

1: Write short note on following CSS property:

- text-align
- text-decoration-color
- text-decoration-style

2: List default values of the text-decoration property? Give example.