Text Styling

CSS provides several properties that allows you to define various text styles such as color, alignment, spacing, decoration, transformation, etc. very easily and effectively.

There are several properties that are used for styling text contents mentioned below :-

a) text-color

- The color of the text is defined by the CSS color property.
- Although, the color property seems like it would be a part of the CSS text, but it is actually a standalone property in CSS.

Syntax



```
<!DOCTYPE html>
<html lang="en">
<head>
        <title>Document</title>
        <style>
        p
        {
            color: blueviolet;
        }
        </style>
</head>
<body>
```

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Quidem iure eaque itaque mollitia deleniti quas nostrum ducimus molestiae perferendis tenetur, corrupti expedita. Pariatur officia commodi cum corporis quia incidunt quidem.

</body>



b) text-align

- The text-align property is used to set the horizontal alignment of the text.
- Text can be aligned in four ways: to the left, right, centre or justified (straight left and right margins).

Syntax

```
p
{
    text-align:value
}
where,
value = left / right/ center / justify

Example
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Document</title>
<style>
    p
{
        text-align: center;
    }
    </style>
</head>
<body>
```

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Quidem iure eaque itaque mollitia deleniti quas nostrum ducimus molestiae perferendis tenetur, corrupti expedita. Pariatur officia commodi cum corporis quia incidunt quidem. Lorem, ipsum dolor sit amet consectetur adipisicing elit. Repellendus, voluptatem nemo. Harum, consequatur iste non quibusdam fugit, fugiat maxime velit libero inventore reiciendis magnam fuga aliquam blanditiis quod accusamus laborum?

```
</body>
```

c) text-decoration

- The text-decoration property is used to set or remove decorations from text.
- The text-decoration property is extensively used to remove the default underline from the HTML hyperlinks.

Syntax

```
p
{
  text-decoration : value;
}
```

where,

value = underline / overline / line-through / none



```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Document</title>
  <style>
    h1
    {
      text-decoration: underline;
    }
    h2
    {
      text-decoration: overline;
    }
    h3
   text-decoration: line-through;
    }
  </style>
</head>
<body>
  <h1>Heading 1</h1>
  <h2>Heading 2</h2>
  <h3>Heading 3</h3>
</body>
</html>
```

Example -- Removing links underline

d) text-transform

The text-transform property is used to set the cases for a text.

Syntax

```
p
{
  text-transform : value;
}
```

where,

value = capitalize / lowercase / uppercase / none



```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Document</title>
  <style>
    h1
    {
      text-transform: uppercase;
    }
    h2
    {
      text-transform: capitalize;
    }
    h3
   text-transform: lowercase;
    }
  </style>
</head>
<body>
  <h1>Heading 1</h1>
  <h2>Heading 2</h2>
  <h3>Heading 3</h3>
</body>
</html>
```

e) text-indent

- The text-indent property is used to set the indentation of the first line of text within a block of text.
- It is typically done by inserting the empty space before the first line of text.
- The size of the indentation can be specified using percentage (%), length values in pixels, em, etc.

Syntax

```
text-indent: user_defined;
}

where,

value = length & percentages
```

```
<!DOCTYPE html>
<html lang="en">
<head>
        <title>Document</title>
        <style>
        p
        {
            text-indent: 100px;
        }
        </style>
</head>
<body>
```

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Nesciunt, eos? Quod expedita cum, sequi reprehenderit aut sunt corporis, nostrum saepe repellat totam harum dignissimos illo doloribus animi. Esse porro sint provident iure. Non magnam repellat, reiciendis corrupti tenetur, a porro et molestias adipisci expedita placeat accusamus quas numquam ullam pariatur asperiores! Modi quis tenetur beatae quod itaque dolorum velit architecto nulla quia libero, quasi, provident, obcaecati perspiciatis. Fugit saepe odio deleniti et ratione! Tenetur sit qui est cupiditate voluptatum reprehenderit neque fuga, repellendus aperiam perferendis, in nulla quis placeat! Incidunt debitis fugiat vitae perferendis autem repudiandae voluptatum aspernatur quo dolores.

```
</body>
```

f) text-align-last

This property describes how the last line of a block or a line right before a forced line break is aligned when text-align is "justify".

Syntax

```
p
{
  text-align-last : value;
}
```

where,

value = auto/ left/ right/ center/ justify/ start/ end.



```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Document</title>
    <style>
        p
        {
            text-align: justify;
            text-align-last: center;
        }
        </style>
</head>
<body>
```

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Nesciunt, eos? Quod expedita cum, sequi reprehenderit aut sunt corporis, nostrum saepe repellat totam harum dignissimos illo doloribus animi. Esse porro sint provident iure. Non magnam repellat, reiciendis corrupti tenetur, a porro et molestias adipisci expedita placeat accusamus quas numquam ullam pariatur asperiores! Modi quis tenetur beatae quod itaque dolorum velit architecto nulla quia libero, quasi, provident, obcaecati perspiciatis. Fugit saepe odio deleniti et ratione! Tenetur sit qui est cupiditate voluptatum reprehenderit neque fuga, repellendus aperiam perferendis, in nulla quis placeat! Incidunt debitis fugiat vitae perferendis autem repudiandae voluptatum aspernatur quo dolores.

```
</body>
```

g) white-space

This property specifies how white-space inside an element is handled.

Syntax

```
p
{
  white-space : value;
}
```

where, value = normal/ nowrap/ pre



```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Document</title>
    <style>
        p
        {
            text-align: justify;
            white-space: nowrap;
        }
        </style>
</head>
<body>
```

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Nesciunt, eos? Quod expedita cum, sequi reprehenderit aut sunt corporis, nostrum saepe repellat totam harum dignissimos illo doloribus animi. Esse porro sint provident iurejhavdhjasvdj. repellat, reiciendis corrupti tenetur, a porro et molestias adipisci expedita placeat accusamus quas numquam ullam pariatur asperiores! Modi quis tenetur beatae quod itaque dolorum velit architecto nulla quia libero, quasi, provident, obcaecati perspiciatis. Fugit saepe odio deleniti et ratione! Tenetur sit qui est cupiditate voluptatum reprehenderit neque fuga, repellendus aperiam perferendis, in nulla quis placeat! Incidunt debitis fugiat vitae perferendis autem repudiandae voluptatum aspernatur quo dolores.

```
</body>
```

h) word-break

This property specify line breaking rules for non-CJK scripts.

Syntax

```
p
{
  word-break:value;
}
```

where,

value = normal/ break-all/ keep-all.



```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Document</title>
  <style>
   p
   {
      text-align: justify;
      width: 200px;
      height: 200px;
      border: 2px solid black;
      word-break: break-all;
   }
  </style>
</head>
<body>
```

```
</body>
```

i) word-spacing

- The word-spacing property is used to specify additional spacing between the words.
- This property can accept a length value in pixels, em, etc. Negative values are also allowed.

Syntax

```
p
{
  word-spacing:value;
}
```

where, value = normal/ length

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```
<!DOCTYPE html>
<html lang="en">
<head>
        <title>Document</title>
        <style>
            p:nth-child(2)
            {
                 word-spacing: 20px;
            }
            </style>
</head>
<body>
```

Before Word-spacing property -- HTML is used for creating web pages.
After Word-spacing property -- CSS is used for styling the web pages.

</body>



```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Setting word spacing using CSS</title>
<style>
  p.one {
    word-spacing: 20px;
  }
  p.two {
    width: 150px;
    word-spacing: 20px;
    text-align: justify;
  }
  p.three {
   word-spacing: 20px;
    white-space: pre;
  }
</style>
</head>
<body>
  This is a normal paragraph.
  <hr>
  Note that spacing between the words of this paragraph are varying
in order to justify the text even if the value of word-spacing property is set to 20px.
  <hr>
  Note that spacing between the words
      of this paragraph are higher than the normal spacing
            even if whitespace are preserved.
</body>
</html>
```

j) word-wrap

Allows long, unbreakable words, large words to be broken and wrap to the next line.

Syntax

```
p
{
  word-wrap:value;
}
```

where, value = normal/ break-word.



```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Document</title>
  <style>
   p
   {
      text-align: justify;
      width: 200px;
      height: 200px;
      border: 2px solid black;
      word-wrap: break-word;
   }
  </style>
</head>
<body>
```

```
</body>
```

k) letter-spacing

The letter-spacing property is used to set extra spacing between the characters of text.

Syntax

```
p
{
  letter-spacing:value;
}
```

where, value = normal/ length.



```
<!DOCTYPE html>
<html lang="en">
<head>
        <title>Document</title>
        <style>
        p
        {
            letter-spacing: 10px;
        }
        </style>
</head>
<body>
```

Lorem ipsum dolor sit amet consectetur adipisicing elit. Saepe ullam minima adipisci, voluptatem illo quam aperiam iure quaerat quod, consectetur delectus eveniet vitae officiis facilis reprehenderit fuga amet exercitationem itaque.

</body>



I) text-shadow

This property allows shadows inside of text content.

Syntax

```
p
{
  text-shadow: horizontal_shadow vertical_shadow blur colorName;
}
```

where,

value = horizontal_shadow(in px) vertical_shadow(in px) blur(in px)
colorName(colorName, HEX color, RGB value)



```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Document</title>
<style>
h1:nth-child(2)
{
    text-shadow: 2px 2px 5px rgba(0, 0, 0, 0.55);
}
</style>
</head>
<body>
<h1>Normal Text</h1>
<h1>Shadowed Text</h1>
</body>
</html>
```

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m) text-underline-position

This property specifies the position of the underline which is set using the text-decoration property.

Syntax

```
p
{
  text-underline-position:value;
}
```

where, value = under/ below



```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Document</title>
    <style>
        p:nth-child(4)
        {
            text-decoration: underline;
            text-underline-position: under;
        }
        </style>
</head>
<body>
```

Lorem ipsum dolor sit amet consectetur adipisicing elit. Perspiciatis, laboriosam commodi? Adipisci porro, harum veniam architecto ratione quas repellendus maxime perferendis aperiam optio. Commodi officiis sit maxime delectus? Laboriosam, esse!

```
<h1>After</h1>
```

Lorem ipsum dolor sit, amet consectetur adipisicing elit. Sit facilis hic tenetur vel, tempore, recusandae blanditiis eaque repudiandae dolore magnam dicta adipisci. Architecto odit, quod at debitis iusto fuga repellat?

```
</body>
```

n) direction

This property specifies the text direction/writing direction.

Syntax

```
p
{
    direction:value;
}
```

where, value = ltr/rtl



```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Document</title>
    <style>
        p:nth-child(4)
        {
                direction: rtl;
        }
        </style>
</head>
<h0>>
<h1>Before</h1>
```

Lorem ipsum dolor sit amet consectetur adipisicing elit. Perspiciatis, laboriosam commodi? Adipisci porro, harum veniam architecto ratione quas repellendus maxime perferendis aperiam optio. Commodi officiis sit maxime delectus? Laboriosam, esse!

<h1>After</h1>

Lorem ipsum dolor sit, amet consectetur adipisicing elit. Sit facilis hic tenetur vel, tempore, recusandae blanditiis eaque repudiandae dolore magnam dicta adipisci. Architecto odit, quod at debitis iusto fuga repellat?

</body> </html>

o) text-orientation

This property defines the orientation of the text in a line. It is recommended to use "writing-mode" along with "text-orientation" property.

Syntax

```
p
{
  text-orientation:value;
}
```

where, value = mixed/ upright



```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Document</title>
    <style>
        p:nth-child(4)
        {
            writing-mode: vertical-lr;
            text-orientation:sideways;
        }
        </style>
</head>
<h1>Before</h1>
```

Lorem ipsum dolor sit amet consectetur adipisicing elit. Perspiciatis, laboriosam commodi? Adipisci porro, harum veniam architecto ratione quas repellendus maxime perferendis aperiam optio. Commodi officiis sit maxime delectus? Laboriosam, esse!

```
<h1>After</h1>
```

Lorem ipsum dolor sit, amet consectetur adipisicing elit. Sit facilis hic tenetur vel, tempore, recusandae blanditiis eaque repudiandae dolore magnam dicta adipisci. Architecto odit, quod at debitis iusto fuga repellat?

```
</body>
</html>
```

p) line-height

- The line-height property is used to set the height of the text line.
- It is also called leading and commonly used to set the distance between lines of text.
- The value of this property can be a number, a percentage (%), or a length in pixels, ems, etc.

Syntax

```
p
{
    line-height:value;
}
```

where,

value = a number, a percentage (%), or a length in pixels, ems, etc.



```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Document</title>
    <style>
        p:nth-child(4)
        {
            line-height: 30px;
        }
        </style>
</head>
<h1>Before</h1>
```

Lorem ipsum dolor sit amet consectetur adipisicing elit. Perspiciatis, laboriosam commodi? Adipisci porro, harum veniam architecto ratione quas repellendus maxime perferendis aperiam optio. Commodi officiis sit maxime delectus? Laboriosam, esse! Lorem ipsum dolor sit amet consectetur adipisicing elit. Veniam cumque expedita, reiciendis incidunt voluptates saepe accusantium maxime? Eum repudiandae maiores illum, cupiditate ipsa fugiat molestiae fugit et voluptatum similique labore?

```
<h1>After</h1>
```

Lorem ipsum dolor sit, amet consectetur adipisicing elit. Sit facilis hic tenetur vel, tempore, recusandae blanditiis eaque repudiandae dolore magnam dicta adipisci. Architecto odit, quod at debitis iusto fuga repellat? Lorem ipsum dolor sit amet consectetur adipisicing elit. Officia alias, cupiditate illum perferendis sit necessitatibus quasi nemo? Repellat molestias pariatur sed eligendi eius ullam deserunt et veritatis sunt! Labore, quasi.

```
</body>
```

q) text-overflow

Specifies what should happen when text overflows the containing element.

Syntax

```
p
{
  text-overflow:value;
}
```

where, value = clip/ ellipsis/ string etc.



```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Document</title>
  <style>
    p:nth-child(2)
   {
     white-space: nowrap;
     border: 2px solid black;
     width: 200px;
     overflow: hidden;
   }
   p:nth-child(4)
     white-space: nowrap;
   border: 2px solid black;
     width: 200px;
     overflow: hidden;
     text-overflow: ellipsis;
  </style>
</head>
<body>
 <h1>Before</h1>
```

Lorem ipsum dolor sit amet consectetur adipisicing elit. Perspiciatis, laboriosam commodi? Adipisci porro, harum veniam architecto ratione quas repellendus maxime perferendis aperiam optio. Commodi officiis sit maxime delectus? Laboriosam, esse! Lorem ipsum dolor sit amet consectetur adipisicing elit. Veniam cumque expedita, reiciendis incidunt voluptates saepe accusantium maxime? Eum repudiandae maiores illum, cupiditate ipsa fugiat molestiae fugit et voluptatum similique labore?

```
<h1>After</h1>
```

Lorem ipsum dolor sit, amet consectetur adipisicing elit. Sit facilis hic tenetur vel, tempore, recusandae blanditiis eaque repudiandae dolore magnam dicta adipisci. Architecto odit, quod at debitis iusto fuga repellat? Lorem ipsum dolor sit amet consectetur adipisicing elit. Officia alias, cupiditate illum perferendis sit necessitatibus quasi nemo? Repellat molestias pariatur sed eligendi eius ullam deserunt et veritatis sunt! Labore, quasi.

- </body>
- </html>



r) user-select

This property specify whether the text of an element can be selected.

Syntax

```
p
{
  user-select:value;
}
```

where,

value = auto/ none/ text/ all etc.



```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Document</title>
    <style>

    p:nth-child(4)
    {
       user-select: none;
    }
    </style>
</head>
<body>

<h1>Before -- Select Paragraph</h1>
```

Lorem ipsum dolor sit amet consectetur adipisicing elit. Perspiciatis, laboriosam commodi? Adipisci porro, harum veniam architecto ratione quas repellendus maxime perferendis aperiam optio. Commodi officiis sit maxime delectus? Laboriosam, esse! Lorem ipsum dolor sit amet consectetur adipisicing elit. Veniam cumque expedita, reiciendis incidunt voluptates saepe accusantium maxime? Eum repudiandae maiores illum, cupiditate ipsa fugiat molestiae fugit et voluptatum similique labore?

```
<h1>After -- Select Paragraph</h1>
```

Lorem ipsum dolor sit, amet consectetur adipisicing elit. Sit facilis hic tenetur vel, tempore, recusandae blanditiis eaque repudiandae dolore magnam dicta adipisci. Architecto odit, quod at debitis iusto fuga repellat? Lorem ipsum dolor sit amet consectetur adipisicing elit. Officia alias, cupiditate illum perferendis sit necessitatibus quasi nemo? Repellat molestias pariatur sed eligendi eius ullam deserunt et veritatis sunt! Labore, quasi.

```
</body>
```

s) Text-decoration-color

This property specifies the color of the text-decoration-line.

Syntax

```
p
{
  text-decoration-color:value;
}
```

where,

value = colorName, Hex code, RGB color etc.



```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Document</title>
    <style>
        p:nth-child(4)
        {
            text-decoration: underline;
            text-decoration-color: red;
        }
        </style>
</head>
<h1>Before</h1>
```

Lorem ipsum dolor sit amet consectetur adipisicing elit. Perspiciatis, laboriosam commodi? Adipisci porro, harum veniam architecto ratione quas repellendus maxime perferendis aperiam optio. Commodi officiis sit maxime delectus? Laboriosam, esse! Lorem ipsum dolor sit amet consectetur adipisicing elit. Veniam cumque expedita, reiciendis incidunt voluptates saepe accusantium maxime? Eum repudiandae maiores illum, cupiditate ipsa fugiat molestiae fugit et voluptatum similique labore?

```
<h1>After</h1>
```

Lorem ipsum dolor sit, amet consectetur adipisicing elit. Sit facilis hic tenetur vel, tempore, recusandae blanditiis eaque repudiandae dolore magnam dicta adipisci. Architecto odit, quod at debitis iusto fuga repellat? Lorem ipsum dolor sit amet consectetur adipisicing elit. Officia alias, cupiditate illum perferendis sit necessitatibus quasi nemo? Repellat molestias pariatur sed eligendi eius ullam deserunt et veritatis sunt! Labore, quasi.

```
</body>
```

t) text-decoration-line

This property specifies the type of line in a text-decoration.

Syntax

```
p
{
  text-decoration-line:value;
}
```

where,

value = none/ underline/ overline/ line-through etc.



```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Document</title>
    <style>
        p:nth-child(4)
        {
            text-decoration: underline;
            text-decoration-color: red;
            text-decoration-line: underline;
        }
        </style>
</head>
<body>
        <h1>Before</h1>
```

Lorem ipsum dolor sit amet consectetur adipisicing elit. Perspiciatis, laboriosam commodi? Adipisci porro, harum veniam architecto ratione quas repellendus maxime perferendis aperiam optio. Commodi officiis sit maxime delectus? Laboriosam, esse! Lorem ipsum dolor sit amet consectetur adipisicing elit. Veniam cumque expedita, reiciendis incidunt voluptates saepe accusantium maxime? Eum repudiandae maiores illum, cupiditate ipsa fugiat molestiae fugit et voluptatum similique labore?

```
<h1>After</h1>
```

Lorem ipsum dolor sit, amet consectetur adipisicing elit. Sit facilis hic tenetur vel, tempore, recusandae blanditiis eaque repudiandae dolore magnam dicta adipisci. Architecto odit, quod at debitis iusto fuga repellat? Lorem ipsum dolor sit amet consectetur adipisicing elit. Officia alias, cupiditate illum perferendis sit necessitatibus quasi nemo? Repellat molestias pariatur sed eligendi eius ullam deserunt et veritatis sunt! Labore, quasi.

```
</body>
```

u) text-decoration-style

This property specifies the style of the line in a text decoration

Syntax

```
p
{
  text-decoration-style:value;
}
```

where,

value = solid/ double/ dotted/ dashed/ wavy. etc.



```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Document</title>
  <style>
   p:nth-child(4)
   {
     text-decoration: underline;
     text-decoration-color: red:
     text-decoration-line: underline:
     text-decoration-style: wavy;
   }
  </style>
</head>
<body>
 <h1>Before</h1>
```

Lorem ipsum dolor sit amet consectetur adipisicing elit. Perspiciatis, laboriosam commodi? Adipisci porro, harum veniam architecto ratione quas repellendus maxime perferendis aperiam optio. Commodi officiis sit maxime delectus? Laboriosam, esse! Lorem ipsum dolor sit amet consectetur adipisicing elit. Veniam cumque expedita, reiciendis incidunt voluptates saepe accusantium maxime? Eum repudiandae maiores illum, cupiditate ipsa fugiat molestiae fugit et voluptatum similique labore?

<h1>After</h1>

Lorem ipsum dolor sit, amet consectetur adipisicing elit. Sit facilis hic tenetur vel, tempore, recusandae blanditiis eaque repudiandae dolore magnam dicta adipisci. Architecto odit, quod at debitis iusto fuga repellat? Lorem ipsum dolor sit amet consectetur adipisicing elit. Officia alias, cupiditate illum perferendis sit necessitatibus quasi nemo? Repellat molestias pariatur sed eligendi eius ullam deserunt et veritatis sunt! Labore, quasi.

```
</body>
```