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CSS Text and Font Formatting

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Text formatting

- To manipulate the HTML text, CSS text formatting properties are used.

- Text formatting properties of CSS are:
  - color.
  - direction.
  - letter-spacing.
  - word-spacing.
  - text-indent.
  - text-align.
  - text-decoration.
  - text-transform.
  - white-space.
  - text-shadow.

Text formatting	Text properties	Font formatting	Font properties

Text Color

- The text color of the HTML text can be modified by using **color** property.

- Example:

```
h1{
    color: red;
}
```

Text formatting | **Text properties** | Font formatting | Font properties

Text Direction

- The direction can be specified to the HTML elements by using direction property.

- The possible values of property direction are:

  - rtl - right to left.
  - ltr - left to right.

```
.ritole{
  direction: rtl;
}
.letori{
  direction: ltr;
}
```

Right to left direction

Left to right direction

Text formatting	Text properties	Font formatting	Font properties

Letter Spacing

- To set the space between the characters of any text, letter-spacing property is used.

- Possible values for the letter-spacing are:

  - normal.
  - Number specifying values (5 px, 10px)

- Example:

```
.spacing{
  letter-spacing: normal;
}
```

```
.spacing{
  letter-spacing: 5px;
}
```

| Text formatting | **Text properties** | Font formatting | Font properties |

Word Spacing

- The space between two words can be manipulated by using the word-spacing property.

- Possible values for the word-spacing are:

    - normal.
    - Number specifying values (5 px, 10px)

- Example:

```css
.spacing{
  word-spacing: 20px;
}
```

| Text formatting | Text properties | Font formatting | Font properties |

Text Indent

- To indent the first line of the paragraph the text-indent property is used.

- Example:

```
.spacing{
  letter-spacing: normal;
  text-indent: 2cm;

}
```

| Text formatting | **Text properties** | Font formatting | Font properties |

Text Alignment

- To align the text, text-align property is used.

- The possible values are.
    - Left.
    - Right.
    - Center.
    - Justify.

- Example:

```css
.spacing{
  letter-spacing: normal;
  width: 800px;
  text-align: right;
}
```

| Text formatting | Text properties | Font formatting | Font properties |

Text Decoration

- The text decorations like underline, strike through, overline, blick can be added to the text by using text-decoration property.

- The possible values are:
  - underline.
  - overline.
  - line-through.
  - blink.
  - none.

```css
.decoration{
  text-decoration: underline;

}
```

Text formatting | **Text properties** | Font formatting | Font properties

- To change the cases of the character and words, text-transform property is used.

- The possible values are:
  - capitalize - First character of all the words will be in uppercase.
  - uppercase - all the characters of the words will be in uppercase.
  - lowercase - all the characters of the words will be in lowercase.

- Example:

```
.decoration{
  text-decoration: underline;
  text-transform: capitalize;
}
```

| Text formatting | **Text properties** | Font formatting | Font properties |

White Space

- White space: Whitespace is **any string of text composed only of spaces, tabs or line breaks.**
- White space inside any html element can be handled by using white-space property.

```
.spacing{
  letter-spacing: normal;
  white-space:normal;
}
```

- The possible values are:
  - **pre** - Whitespace is preserved by the browser. Text will only wrap on line breaks. Acts like the <pre> tag in HTML.
  - **normal** - Sequences of whitespace will collapse into a single whitespace. Text will wrap when necessary. This is the default value.
  - **nowrap** - Sequences of whitespace will collapse into a single whitespace. Text will never wrap to the next line. The text continues on the same line until a <br> tag is encountered.

Text formatting → **Text properties** → Font formatting → Font properties

Text Shadow

- To set shadow around the text for decoration purpose, text-shadow property is used.

- This property may not be supported by some browsers.

- Syntax: text-shadow: h-shadow v-shadow blur-radius color;
  - H-shadow: horizontal shadow.
  - v-shadow: vertical shadow.
  - Blur-radius: optional, default value is 0.

```
.decoration{
  text-decoration: underline;
  text-transform: capitalize;
  text-shadow: 4px 4px 8px pink;
}
```

Text formatting → **Text properties** → Font formatting → Font properties

Font Formatting

- To manipulate the HTML fonts, font formatting can be used.

- Font formatting can be done using following properties:

    - font-family.
    - font-style.
    - font-variant.
    - font-weight.
    - font-size.

| Text formatting | Text properties | **Font formatting** | Font properties |

- To specify the type of font format for the text, font-family property can be used.

- The value of the property font-family should be the name of the font-family.

- Example:

```
.spacing{
  letter-spacing: normal;
  white-space:normal;
  font-family:georgia,garamond,serif;
}
```

| Text formatting | Text properties | Font formatting | **Font properties** |

- To specify the style of the font, font-style property can be used.

- The values of the property font-style can be normal, italics, and oblique.

- Example:

```css
.spacing{
  letter-spacing: normal;
  white-space:normal;
  font-family:georgia,garamond,serif;
  font-style:italic;
}
```

Text formatting > Text properties > Font formatting > **Font properties**

Font Variant

- To specify the difference between the first character of the sentence, even when all the characters are in uppercase, font-variant property is used.

- The possible values are:
    - small-caps
    - normal.

- Example:

```
.letori{
  direction: ltr;
  font-variant:small-caps;
}
```

| Text formatting | Text properties | Font formatting | **Font properties** |

Font Size

- To manipulate the size of the text, font-size property can be used.

- The possible values are:
  - xx-small, x-small, small, medium, large, x-large, xx-large, smaller, larger, size in pixels or in %.

- Example:

```
font-size: xx-small;
```

Text formatting　　Text properties　　Font formatting　　**Font properties**

Font Shorthand Property

All the font formatting properties can be used with a single property font.

```css
h1{
  color: red;
  font:italic small-caps bold 15px georgia;
}
```

Text formatting > Text properties > Font formatting > **Font properties**

Example

Text and Font properties used in our LinkedIn project

```css
a{
    text-decoration: none;
    color: ■ black;

}
```

```css
.sidebar_first_col > .profile_info{
    text-align: center;
    padding:0px 20px;
    padding-bottom:10px;
}
```

```css
.sidebar_second_text{
    padding:3px 10px;
    font-size: 0.9rem;
    color: ■ grey;
    font-weight: 500;
}
```

Text formatting > Text properties > Font formatting > Font properties