

CSS - Text Formatting

CSS text formatting properties is used to format text and style text.

CSS text formatting include following properties:

- 1.Text-color
- 2.Text-alignment
- 3.Text-decoration
- 4.Text-transformation
- 5.Text-indentation
- 6.Letter spacing
- 7.Line height
- 8.Text-direction
- 9.Text-shadow
- 10.Word spacing

1.TEXT COLOR

Text-color property is used to set the color of the text.

Text-color can be set by using the name “red”, hex value “#ff0000” or by its RGB value “rgb(255, 0, 0).

Syntax:

```
body
{
color:color name;
}
```

2.TEXT ALIGNMENT

Text alignment property is used to set the horizontal alignment of the text.

The text can be set to left, right, centered and justified alignment.

In justified alignment, line is stretched such that left and right margins are straight.

Syntax:

```
body
```

```
{  
text-align:alignment type;  
}
```

3.TEXT DECORATION

Text decoration is used to add or remove decorations from the text.

Text decoration can be underline, overline, line-through or none.

```
Syntax:  
body  
{ text-decoration:decoration type; }
```

4.TEXT TRANSFORMATION

Text transformation property is used to change the case of text, uppercase or lowercase.

Text transformation can be uppercase, lowercase or capitalise .

Capitalise is used to change the first letter of each word to uppercase.

```
Syntax:  
body  
{  
text-transform:type;  
}
```

5.TEXT INDENTATION

Text indentation property is used to indent the first line of the paragraph.
The size can be in px, cm, pt.

```
Syntax:  
body  
{
```

```
text-indent:size;
}
```

6.LETTER SPACING

This property is used to specify the space between the characters of the text.
The size can be given in px.

```
Syntax:
body
{
letter-spacing:size;
}
```

7.LINE HEIGHT

This property is used to set the space between the lines.

```
Syntax:
body
{
line-height:size;
}
```

8.TEXT DIRECTION

Text direction property is used to set the direction of the text.

The direction can be set by using rtl : right to left .

Left to right is the default direction of the text.

```
Syntax:
body
{
direction:rtl;
```

```
}
```

9.TEXT SHADOW

Text shadow property is used to add shadow to the text.

You can specify the horizontal size, vertical size and shadow color for the text.

Syntax:

```
body
{
text-shadow:horizontal size vertical size color name;
}
```

10.WORD SPACING

Word spacing is used to specify the space between the words of the line.

The size can be given in px.

Syntax:

```
body
{
word-spacing:size;
}
```

HTML - Tables

A table is an arrangement of data in rows and columns, or possibly in a more complex structure. Tables are widely used in communication, research, and data analysis.

- Tables are useful for various tasks such as presenting text information and numerical data.
- Tables can be used to compare two or more items in tabular form layout.
- Tables are used to create databases.

Defining Tables in HTML

An HTML table is defined with the “table” tag. Each table row is defined with the “tr” tag. A table header is defined with the “th” tag. By default, table headings are bold and centered. A table data/cell is defined with the “td” tag.

Important Table options in HTML:

1. **Adding a border to a HTML Table :** A border is set using the CSS border property. If you do not specify a border for the table, it will be displayed without borders.

```
table, th, td {  
    border: 1px solid black;  
}
```

2. **Adding Collapsed Borders in a HTML Table :** For borders to collapse into one border, add the CSS border-collapse property.

```
table, th, td {  
    border: 1px solid black;  
    border-collapse: collapse;  
}
```

3. **Adding Cell Padding in a HTML Table :** Cell padding specifies the space between the cell content and its borders. If we do not specify a padding, the table cells will be displayed without padding.

```
th, td {  
    padding: 15px;  
}
```

4. **Adding Left Align Headings in a HTML Table :** By default the table headings are bold and centered. To left-align the table headings, we must use the CSS text-align property.

```
th {  
    text-align: left;  
}
```

5. **Adding Border Spacing in a HTML Table :** Border spacing specifies the space between the cells. To set the border spacing for a table, we must use the CSS border-spacing property.

```
table {  
    border-spacing: 5px;  
}
```

6. **Adding a Caption in a HTML Table :** To add a caption to a table, we must use the “caption” tag.

```
<table style="width:100%">  
<caption>DETAILS</caption>
```

7. **Adding a Background Colour To a Table in HTML :** A color can be added as a background in HTML table using the “background-color” option.

```
table#t01 {  
    width: 100%;  
    background-color: #f2f2d1;  
}
```