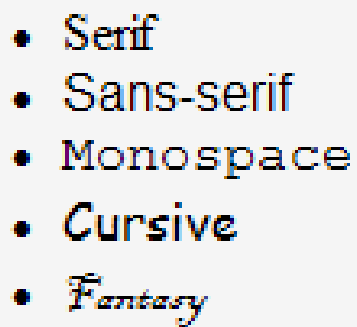# *CSS tags*

Font Properties

1. font-family

Specifies the font for an element.

```
font-family: Arial, sans-serif;
```

Possible values:

- Generic family names: `serif, sans-serif, monospace, cursive, fantasy`
- Specific font names: `Arial, Times New Roman, Courier New,` etc.

2. font-size

Specifies the size of the font.

```
font-size: 16px;
```

Possible values:

- Absolute-size keywords: `xx-small, x-small, small, medium, large, x-large, xx-large`
- Relative-size keywords: `larger, smaller`
- Length values: `px, em, rem, %, vw, vh`

3. font-weight

Specifies the weight (or boldness) of the font.

```
font-weight: bold;
```

Possible values:

- Keywords: `normal`, `bold`, `bolder`, `lighter`
- Numeric values: `100`, `200`, `300`, `400`, `500`, `600`, `700`, `800`, `900`

4. font-style

Specifies the style of the font.

```
font-style: italic;
```

Possible values:

- `normal`
- `italic`
- `oblique`

5. font-variant

Specifies whether the text should be displayed in a small-caps font.

```
font-variant: small-caps;
```

Possible values:

- `normal`
- `small-caps`

6. line-height

Specifies the height of a line of text.

```
line-height: 1.5;
```

Possible values:

- Number: `1.5`
- Length values: `px, em, rem`
- Percentage: `150%`
- Keywords: `normal`

7. letter-spacing

Specifies the space between characters.

```
letter-spacing: 2px;
```

Possible values:

- Length values: `px, em, rem`
- Keywords: `normal`

8. word-spacing

Specifies the space between words.

```
word-spacing: 4px;
```

Possible values:

- Length values: `px, em, rem`
- Keywords: `normal`

9. text-transform

Controls the capitalization of text.

```
text-transform: uppercase;
```

Possible values:

- `none`
- `capitalize`
- `uppercase`
- `lowercase`

text-transform : none

The quick brown fox jumps over the lazy dog.

text-transform : capitalize

The Quick Brown Fox Jumps Over The Lazy Dog.

text-transform : uppercase

THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG.

text-transform : lowercase

the quick brown fox jumps over the lazy dog.

10. text-align

Specifies the horizontal alignment of text.

```
text-align: center;
```

Possible values:

- left
- right
- center
- justify

11. text-decoration

Specifies the decoration added to text.

```
text-decoration: underline;
```

Possible values:

- none
- underline
- overline
- line-through
- blink

12. text-shadow

Adds shadow to text.

```
text-shadow: 2px 2px 5px #000;
```

Possible values:

- `h-shadow v-shadow blur-radius color`

Border Properties

1. border

A shorthand property for setting all the border properties in one declaration.

```
border: 1px solid #000;
```

Possible values:

- `border-width border-style border-color`

2. border-width

Specifies the width of the border.

```
border-width: 2px;
```

Possible values:

- Length values: `px, em, rem`
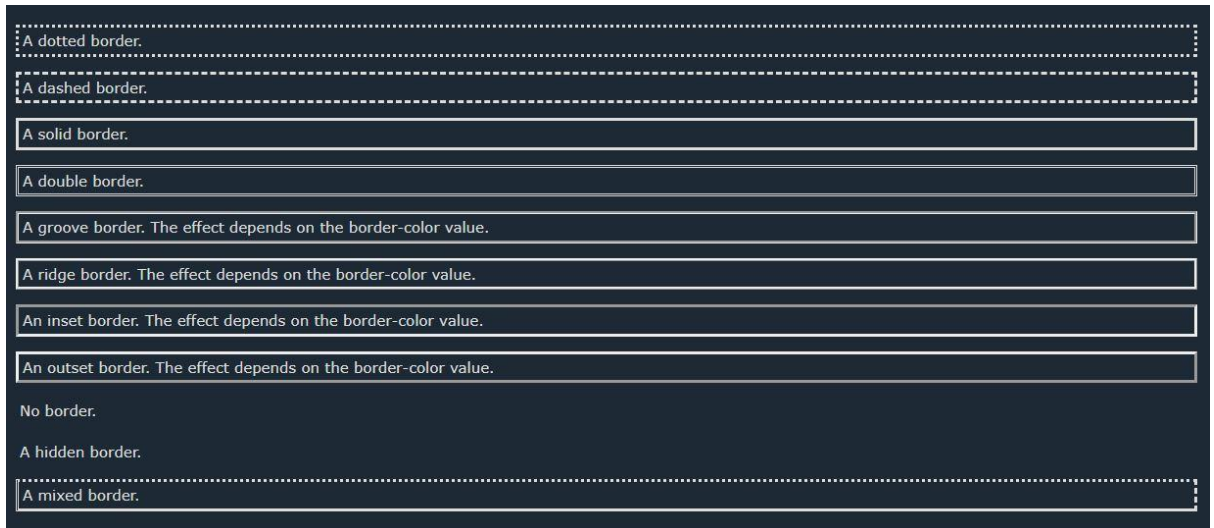- Keywords: `thin, medium, thick`

3. border-style

Specifies the style of the border.

```
border-style: solid;
```

Possible values:

- `none`
- `hidden`
- `dotted`
- `dashed`

- solid
- double
- groove
- ridge
- inset
- outset

4. border-color

Specifies the color of the border.

```
border-color: #ff0000;
```

Possible values:

- Color names: red, blue, green, etc.
- Hex values: #ff0000, #00ff00, #0000ff, etc.
- RGB values: rgb(255, 0, 0), rgb(0, 255, 0), rgb(0, 0, 255)
- RGBA values: rgba(255, 0, 0, 0.5), rgba(0, 255, 0, 0.5), rgba(0, 0, 255, 0.5)
- HSL values: hsl(0, 100%, 50%), hsl(120, 100%, 50%), hsl(240, 100%, 50%)
- HSLA values: hsla(0, 100%, 50%, 0.5), hsla(120, 100%, 50%, 0.5), hsla(240, 100%, 50%, 0.5)

5. border-radius

Specifies the radius of the border's corners.

```
border-radius: 10px;
```

Possible values:

- Length values: px, em, rem

- Percentage: `50%`

6. border-top

A shorthand property for setting all the top border properties in one declaration.

```
border-top: 2px dashed #00ff00;
```

Possible values:

- `border-top-width border-top-style border-top-color`

7. border-right

A shorthand property for setting all the right border properties in one declaration.

```
border-right: 2px dotted #0000ff;
```

Possible values:

- `border-right-width border-right-style border-right-color`

8. border-bottom

A shorthand property for setting all the bottom border properties in one declaration.

```
border-bottom: 2px solid #ff00ff;
```

Possible values:

- `border-bottom-width border-bottom-style border-bottom-color`

9. border-left

A shorthand property for setting all the left border properties in one declaration.

```
border-left: 2px double #00ffff;
```

Possible values:

- `border-left-width border-left-style border-left-color`

10. border-collapse

Specifies whether table borders should collapse into a single border or be separated.

```
border-collapse: collapse;
```

Possible values:

- collapse
- separate

11. border-spacing

Specifies the distance between the borders of adjacent cells in a table.

```
border-spacing: 5px;
```

Possible values:

- Length values: px, em, rem

Color Properties

1. color

Specifies the color of the text.

    color: #333;

Possible values:

- Color names: red, blue, green, etc.
- Hex values: #ff0000, #00ff00, #0000ff, etc.
- RGB values: rgb(255, 0, 0), rgb(0, 255, 0), rgb(0, 0, 255)
- RGBA values: rgba(255, 0, 0, 0.5), rgba(0, 255, 0, 0.5), rgba(0, 0, 255, 0.5)
- HSL values: hsl(0, 100%, 50%), hsl(120, 100%, 50%), hsl(240, 100%, 50%)
- HSLA values: hsla(0, 100%, 50%, 0.5), hsla(120, 100%, 50%, 0.5), hsla(240, 100%, 50%, 0.5)

2. background-color

Specifies the background color of an element.

    background-color: #fff;

Possible values:

- Color names: red, blue, green, etc.
- Hex values: #ff0000, #00ff00, #0000ff, etc.
- RGB values: rgb(255, 0, 0), rgb(0, 255, 0), rgb(0, 0, 255)
- RGBA values: rgba(255, 0, 0, 0.5), rgba(0, 255, 0, 0.5), rgba(0, 0, 255, 0.5)
- HSL values: hsl(0, 100%, 50%), hsl(120, 100%, 50%), hsl(240, 100%, 50%)
- HSLA values: hsla(0, 100%, 50%, 0.5), hsla(120, 100%, 50%, 0.5), hsla(240, 100%, 50%, 0.5)

3. opacity

Specifies the opacity level of an element.

    opacity: 0.5;

Possible values:

- Number: 0 (fully transparent) to 1 (fully opaque)

4. border-color

Specifies the color of the border.

border-color: #ff0000;

Possible values:

- Color names: red, blue, green, etc.
- Hex values: #ff0000, #00ff00, #0000ff, etc.
- RGB values: rgb(255, 0, 0), rgb(0, 255, 0), rgb(0, 0, 255)
- RGBA values: rgba(255, 0, 0, 0.5), rgba(0, 255, 0, 0.5), rgba(0, 0, 255, 0.5)
- HSL values: hsl(0, 100%, 50%), hsl(120, 100%, 50%), hsl(240, 100%, 50%)
- HSLA values: hsla(0, 100%, 50%, 0.5), hsla(120, 100%, 50%, 0.5), hsla(240, 100%, 50%, 0.5)
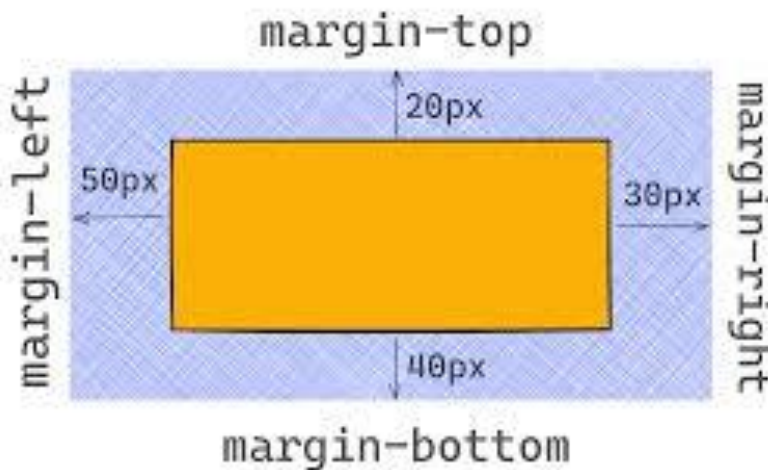
5. outline-color

Specifies the color of the outline.

outline-color: #00ff00;

Possible values:

- Color names: red, blue, green, etc.
- Hex values: #ff0000, #00ff00, #0000ff, etc.
- RGB values: rgb(255, 0, 0), rgb(0, 255, 0), rgb(0, 0, 255)
- RGBA values: rgba(255, 0, 0, 0.5), rgba(0, 255, 0, 0.5), rgba(0, 0, 255, 0.5)
- HSL values: hsl(0, 100%, 50%), hsl(120, 100%, 50%), hsl(240, 100%, 50%)
- HSLA values: hsla(0, 100%, 50%, 0.5), hsla(120, 100%, 50%, 0.5), hsla(240, 100%, 50%, 0.5)

Margin

The margin property is used to create space around elements, outside of any defined borders.

1. margin

A shorthand property for setting the margin on all four sides of an element.

> margin: 10px;

Possible values:

- Length values: px, em, rem
- Percentage: 10%
- Keywords: auto

2. margin-top

Specifies the top margin of an element.

> margin-top: 10px;

Possible values:

- Length values: px, em, rem
- Percentage: 10%
- Keywords: auto

3. margin-right

Specifies the right margin of an element.

margin-right: 10px;

Possible values:

- Length values: px, em, rem
- Percentage: 10%
- Keywords: auto

4. margin-bottom

Specifies the bottom margin of an element.

margin-bottom: 10px;

Possible values:

- Length values: px, em, rem
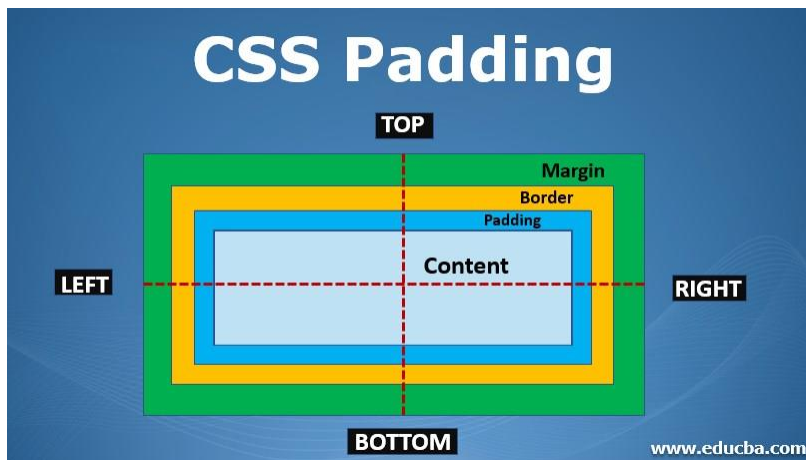- Percentage: 10%
- Keywords: auto

5. margin-left

Specifies the left margin of an element.

margin-left: 10px;
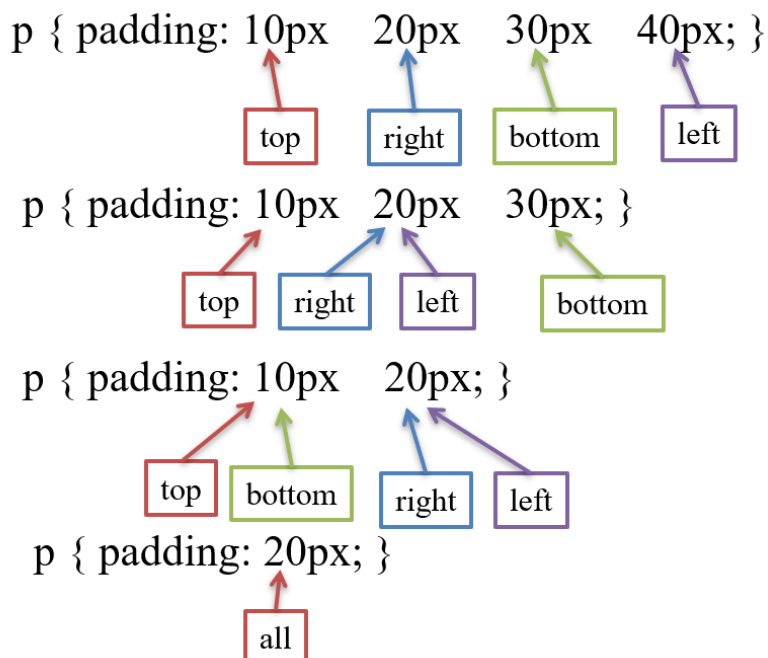
Possible values:

- Length values: px, em, rem
- Percentage: 10%
- Keywords: auto

Padding

The padding property is used to create space around an element's content, inside of any defined borders.

1. **Padding**

A shorthand property for setting the padding on all four sides of an element.

padding: 10px;

Possible values:

- Length values: px, em, rem
- Percentage: 10%

2. padding-top

Specifies the top padding of an element.

padding-top: 10px;

Possible values:

- Length values: px, em, rem
- Percentage: 10%

3. padding-right

Specifies the right padding of an element.

padding-right: 10px;

Possible values:

- Length values: px, em, rem
- Percentage: 10%

4. padding-bottom

Specifies the bottom padding of an element.

padding-bottom: 10px;

Possible values:

- Length values: px, em, rem
- Percentage: 10%

5. padding-left

Specifies the left padding of an element.

padding-left: 10px;

Possible values:

- Length values: px, em, rem
- Percentage: 10%

****