

Chapter 4 Fonts and Display

The Display property

The CSS display property is used to determine whether an element is treated as a block/inline element & the layout used for its children.

----- > flex, grid etc.

Display: inline

Takes only the space required by the element. No line breaks before and after setting width/height not allowed.

Display: block

Takes full space available in width and leaves a newline before and after the element.

Display: inline-block

Similar to inline but setting height, width, margin and padding is almost is allowed. Elements can set next to each other.

Display none vs visibility hidden

With display none, the element is removed from the document flow. Its space is not blocked.

With visibility hidden the element is hidden but its space is reserved.

Text align property

Used to set the horizontal alignment of a text.

```
.div1{
```

```
Text-align:center;
```

}

Text decoration property:

Used to decorate the text.

Can be over line, line through underline none.

Text transform property:

Used in specify uppercase and lowercase letters in a text.

```
P{  
Text-decoration: uppercase;  
}
```

Line-height property:

Used to specify the space between lines.

```
.small{  
Line-height:22px;  
}
```

Font-family:

Font family specifies the font of a text can hold multiple values as a fallback system.

```
.p{  
Font-family: "times new Roman", monospace;
```

Web safe fonts:

These fonts are universally installed across browsers.

How to add google fonts:

In order to use custom google fonts, go to google fonts then select a style and finally paste it to the style css of your page.

Other font properties:

Some of the other font properties are listed below.

Font-size ----- > sets the size of the font.

Font-style ----- > sets the font style.

Font-variant ----- > sets whether text is displayed in small-caps.

Font-weight ----- > sets weight of the font.

Generic families:

Broad class of similar fonts e.g. serif, san-serif just like when we say fruit, it can be any fruit when we say serif it can be any serif font.

Font-family ----- > specific

Generic-family----- > Generic

Source Code:

```
Index.html
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Fonts and Display </title>
  <style>
    .div1 {
      background-color: aqua;
      width: 233px;
      height: 300px;
```

```

        display: inline;
    }

    .div2 {
        background-color: rgb(255, 0, 106);
        width: 233px;
        height: 200px;
        display: inline-block;
        text-align: center;
    }

    .none {
        width: 244px;
        height: 34px;
        background-color: blue;
        display: none;
    }
</style>
</head>

<body>

    <div class="div1">
        ng elit. Quam quasi adipisci, impedit, quis expedita libero commodi
        minima ea voluptatum autem eveniet placeat tempora maiores natus dolorum culpa
        dolor aut ab! Rem iure pariatur necessitatibus.
    </div>
    <div class="div2">
        Lorem ipsum dolor sit, amet consectetur adipisicing elit. Exercitationem
        ullam consectetur minima, provident eum id assumenda sit atque fuga temporibus?
    </div>
    <div class="none"> this block is none</div>
</body>

</html>

```

Textproperty.html

```

<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">

```

```

<title>Text property</title>
<style>
  p {
    width: 300px;
    height: 500px;
    color: wheat;
    background-color: blue;
    text-decoration: underline;
    text-transform: capitalize;
    line-height: 22px;
    font-size: 22px;
    font-family: 'Times New Roman', monospace;
  }
</style>
</head>

<body>
  <p>This is a paragraph Lorem ipsum dolor sit amet consectetur adipisicing
elit. Provident, commodi illo. Vel laborum unde nobis, placeat aut iste
voluptatem ab distinctio eligendi quis.</p>
</body>

</html>

```

Otherfonts.html

```

<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Other fonts property</title>
  <style>
    h1 {
      font-size: 27px;
      font-weight: 500;
      font-style: italic;
    }
  </style>
</head>

<body>
  <h1>Font styles</h1>
  <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Ipsa esse
explicabo laborum?</p>

```

```
</body>
```

```
</html>
```

Thank You