

# CSS - Fonts

This chapter teaches you how to set fonts of a content, available in an HTML element. You can set following font properties of an element –

- The **font-family** property is used to change the face of a font.
- The **font-style** property is used to make a font italic or oblique.
- The **font-variant** property is used to create a small-caps effect.
- The **font-weight** property is used to increase or decrease how bold or light a font appears.
- The **font-size** property is used to increase or decrease the size of a font.
- The **font** property is used as shorthand to specify a number of other font properties.

## Set the Font Family

Following is the example, which demonstrates how to set the font family of an element. Possible value could be any font family name.

[Live Demo](#)

```
<html>
  <head>
  </head>

  <body>
    <p style = "font-family:georgia,garamond,serif;">
      This text is rendered in either georgia, garamond, or the
      default serif font depending on which font you have at your system.
    </p>
  </body>
</html>
```

This will produce following result –

This text is rendered in either georgia, garamond, or the default serif font depending on which font you have at your system.

## Set the Font Style

Following is the example, which demonstrates how to set the font style of an element. Possible values are *normal*, *italic* and *oblique*.

[Live Demo](#)

```
<html>
  <head>
  </head>

  <body>
    <p style = "font-style:italic;">
      This text will be rendered in italic style
    </p>
  </body>
</html>
```

This will produce following result -

*This text will be rendered in italic style*

## Set the Font Variant

The following example demonstrates how to set the font variant of an element. Possible values are *normal* and *small-caps*.

[Live Demo](#)

```
<html>
  <head>
```

```
</head>

<body>
  <p style = "font-variant:small-caps;">
    This text will be rendered as small caps
  </p>
</body>
</html>
```

This will produce following result -

THIS TEXT WILL BE RENDERED AS SMALL CAPS

## Set the Font Weight

The following example demonstrates how to set the font weight of an element. The font-weight property provides the functionality to specify how bold a font is. Possible values could be *normal*, *bold*, *bolder*, *lighter*, 100, 200, 300, 400, 500, 600, 700, 800, 900.

Live Demo

```
<html>
  <head>
  </head>

  <body>
    <p style = "font-weight:bold;">
      This font is bold.
    </p>

    <p style = "font-weight:bolder;">
      This font is bolder.
    </p>

    <p style = "font-weight:500;">
      This font is 500 weight.
    </p>
  </body>
</html>
```

s will produce following result -

This font is bold.

This font is bolder.

This font is 500 weight.

## Set the Font Size

The following example demonstrates how to set the font size of an element. The font-size property is used to control the size of fonts. Possible values could be *xx-small*, *x-small*, *small*, *medium*, *large*, *x-large*, *xx-large*, *smaller*, *larger*, *size in pixels* or *in %*.

[Live Demo](#)

```
<html>
  <head>
  </head>

  <body>
    <p style = "font-size:20px;">
      This font size is 20 pixels
    </p>

    <p style = "font-size:small;">
      This font size is small
    </p>

    <p style = "font-size:large;">
      This font size is large
    </p>
  </body>
</html>
```

This will produce following result -

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CSS - Fonts

This font size is 20 pixels

This font size is small

This font size is large