

CSS | Fonts

The CSS font property is used to set the fonts content of HTML element. There are many font property in CSS which are discussed below:

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

font-family: It is used to set the font type of an HTML element. It holds several font names as a fallback system.

Syntax:

```
font-family: "font family name";
```

font-style: It is used to specify the font style of an HTML element. It can be “normal, italic or oblique”.

Syntax:

```
font-style: style name;
```

font-weight: It is used to set the boldness of the font. Its value can be “normal, bold, lighter, bolder”.

Syntax:

```
font-weight: font weight value;
```

font-variant: It is used to create the small-caps effect. It can be “normal or small-caps”.

Syntax:

```
font-variant: font variant value;
```

font-size : It is used to set the font size of an HTML element. The font-size can be set in different ways like in “pixels, percentage, em or we can set values like small,

large” etc.

Syntax:

```
font-size: font size value;
```

CSS | Opacity / Transparency

The opacity is the property of an element which describes the transparency of the element.

Image Opacity: The opacity property is used in the image to describes the transparency of the image. The value of opacity lies between 0.0 to 1.0 where a low value represents high transparent and high value represents low transparent. The percentage of opacity is calculated as $\text{Opacity\%} = \text{Opacity} * 100$

Image Hover Opacity: The hover opacity property is applied on the image when mouse put over the image otherwise opacity property change. The value of opacity can easily reverse the process by setting the opacity as a higher value at first and then lowering it when hovering over it like:

```
.high to low {  
  opacity: 1.0;  
}  
  
.high to low: hover {  
  opacity: 0.5;  
}
```

Transparency box and transparency using RGBA values: In transparency box, child property inherit the property from the parent property but in case of transparency using RGBA, only opacity property is used or applied to add transparency to the background of an element.

Text In Transparent Box: The opacity property can be used to decrease or increase the opacity of a box and put text inside of it for making the most egregious posts.