

# CSS 2.1

## Quick Reference Guide

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## Introduction to CSS 2.1

- CSS is a "UI Styling Language".
- CSS is used to specify the styles of html elements (html tags).
- CSS can specify styles like colors, font, formatting, link styles, border, margins, alignment, position etc.
- CSS is a "web standard" released by W3C.
- CSS is supported by all browsers.
- CSS is used to specify "look and feel" of the web page.
- You can create beautiful web pages using CSS.
- You can use CSS in any HTML page.

## Syntax of CSS

```
<style type="text/css">  
    CSS styles here  
</style>
```

## Example of CSS

```
<style type="text/css">  
  
    h1  
    {  
        color: green;  
    }  
  
    p  
    {  
        color: red;  
    }  
  
</style>
```

## font-family

- "font-family" is used to specify name (or) names of the font. Ex: "Times New Roman".
- When multiple font names are specified, it applies first possible one on the browser. We specify multiple font names in real time, because all the browser may not support the font that you specify.
- **Syntax:** font-family: 'font name here';
- **Example:** font-family: 'Nirmala UI';

## font-size

- "font-size" is used to specify "size of the font". **Ex:** 16px
- The font size can be specified either in pixels (px) or M size (em). Ex: "16px" or "1em".
  - 16px = 1em
- In real time, "em" is recommended.
- **Syntax:** font-size: npx or nem;
- **Example:** font-size: 16px;

## text-align

- "text-align" is used to specify "alignment of the text". **Ex:** center.
- **Options:** left | center | right | justify
- **Syntax:** text-align: option here;
- **Example:** text-align: center;

## line-height

- "line-height" is used to specify "height of the line". **Ex:** 60px.
- **Syntax:** line-height: npx;
- **Example:** line-height: 60px;

## text-indent

- "text-indent" is used to specify "distance between left margin and the first line of the paragraph". **Ex:** 300px.
- **Syntax:** text-indent: npx;
- **Example:** text-indent: 300px;

## color

- "color" is used to specify "text color". **Ex:** green.
- **Syntax:** color: any color;
- **Example:** color: green;

## font-weight

- "font-weight" is used to display the text in bold. **Ex:** bold.
- **Options:** normal | bold
- **Syntax:** font-weight: option here;
- **Example:** font-weight: bold;

## font-style

- "font-style" is used to display the text in italic. **Ex:** italic.
- **Options:** normal | italic
- **Syntax:** font-style: option here;
- **Example:** font-style: italic;

## text-decoration

- "text-decoration" is used to display the text in underline. **Ex:** underline.
- **Options:** none | underline | overline | line-through
- **Syntax:** text-decoration: option here;
- **Example:** text-decoration: underline;

## text-transform

- "text-transform" is used to display the text in upper case or lower case. **Ex:** uppercase.
- **Options:** none | uppercase | lowercase | capitalize
- **Syntax:** text-transform: option here;
- **Example:** text-transform: uppercase;

## letter-spacing

- "letter-spacing" is used to specify the distance between letters in the text. **Ex:** 5px.
- **Syntax:** letter-spacing: npx;
- **Example:** letter-spacing: 5px;

## word-spacing

- "word-spacing" is used to specify the distance between words in the text. **Ex:** 25px.
- **Syntax:** word-spacing: npx;
- **Example:** word-spacing: 25px;

## background-color

- "background-color" is used to specify background color. **Ex:** green.
- **Syntax:** background-color: any color;
- **Example:** background-color: green;

## background-image

- "background-image" is used to specify background image. **Ex:** sample.jpg.
- **Syntax:** background-image: url("file name here");
- **Example:** background-image: url("sample.jpg");
- **Note:** Both html file and image file should be in the same folder.

## background-repeat

- "background-repeat" is used to specify repeat mode of the background image. **Ex:** repeat-x.
- **Options:** repeat | repeat-x | repeat-y | no-repeat
- **Syntax:** background-repeat: option here;
- **Example:** background-repeat: repeat-x;

## background-position

- "background-position" is used to specify position of the background image. **Ex:** bottom right.
- **Options:** top left | top center | top right | center left | center center | center right | bottom left | bottom center | bottom right
- **Syntax:** background-position: option here;
- **Example:** background-position: bottom right;

## background-attachment

- "background-attachment" is used to specify whether the background image is to be scrolled along with the text, when the user scrolls the page up or down. **Ex:** fixed.
- **Options:** scroll | fixed
- **Syntax:** background-attachment: option here;
- **Example:** background-attachment: fixed;

## float

- "float" is used to display the <div> tags side-by-side. **Ex:** left.
- **Options:** none | left | right
- **Syntax:** float: option here;
- **Example:** float: left;

## float

- "float" is used to display the <div> tags side-by-side (left to right (or) right to left). **Ex:** left.
- **Options:** none | left | right
- **Syntax:** float: option here;

- **Example:** float: left;

## width

- "width" is used to specify horizontal size of the display the <div> tags side-by-side (left to right (or) right to left). **Ex:** left.
- **Options:** none | left | right
- **Syntax:** float: option here;
- **Example:** float: left;