

CSS Basics

1. Implementing CSS (External Only)

```
<link rel="stylesheet" type="text/css" href="style.css">
```

```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <meta http-equiv="X-UA-Compatible" content="ie=edge">
8   <link rel="stylesheet" href="css/style.css">
9   <title>Implementing CSS</title>
10 </head>
11
12 <body>
13
14
15 </body>
16
17 </html>
```

2. Dev Tools Intro

When you want to work with the DOM or CSS, right-click an element on the page and select Inspect to jump into the Elements panel. Or press **Command+Option+C (Mac)** or **Control+Shift+C (Windows, Linux, Chrome OS)**.

3. Using Google Fonts

```
body {
  font-family: Arial, Helvetica, sans-serif;
  font-size: 18px;
  line-height: 1.6em;
}

#welcome p span {
  font-weight: bold;
}

#about p span {
  font-style: italic;
}
```

4. Colors

```
h1 {  
  /* Color Name */  
  color: red;  
}  
  
h2 {  
  /* RGB */  
  color: rgb(255,255,255);  
}  
  
h3 {  
  /* Hex */  
  color: #f4f4f4;
```

4. Background & Borders

```
#box-1 {  
  background-color: blanchedalmond;  
  /* border-width: 3px;  
  border-color: red;  
  border-style: solid; */  
  border: 3px solid red;  
  border-radius: 10px;  
}  
  
#box-2 {  
  background: #333;  
  color: #fff;  
  border-top: blue solid 3px;  
  border-top-left-radius: 10px;  
  border-top-right-radius: 10px;  
}  
  
#box-3 {  
  /* background-image: url('./img/stars.jpg');  
  background-repeat: no-repeat;  
  background-position: center top;  
  background-size: cover; */  
  background: url('./img/stars.jpg') no-repeat center center/cover;  
  color: #fff;  
  height: 300px;  
  width: 600px;  
}  
  
#box-4 {  
  background: url('./img/leaf.png') no-repeat center center;  
  background-attachment: fixed;
```

5. Box Model, Margin & Padding

```
/* CSS Reset */
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}
```

```
.box {
  background: #f4f4f4;
  border: 2px solid #777;
  width: 500px;

  /* Padding on all sides */
  padding: 20px;

  /* Padding per side */
  padding-top: 10px;
  padding-right: 20px;
  padding-bottom: 10px;
  padding-left: 20px;

  /* Padding shorthand = top, right, bottom, left */
  padding: 10px 20px 10px 20px;

  /* Padding shorthand = top/bottom left/right */
  padding: 10px 20px;

  /* Margin on all sides */
  margin: 20px;

  /* Margin per side */
  margin-top: 10px;
  margin-right: 20px;
  margin-bottom: 10px;
  margin-left: 20px;

  /* Margin shorthand = top, right, bottom, left */
  margin: 10px 20px 10px 20px;

  /* Margin shorthand = top/bottom left/right */
  margin: 10px 20px;
}
```

6. Float & Alignment

```
.box p {  
  /* Text Align */  
  text-align: left;  
  text-align: right;  
  text-align: center;  
  text-align: justify;  
}
```

```
#box-2 {  
  float: left;  
  width: 68%;  
}
```

```
#box-3 {  
  float: right;  
  width: 30%;  
}
```

7. Styling Button

```
/* Button Styling */  
.btn {  
  background: ■ #4c6ca0;  
  color: □ #fff;  
  border: none;  
  font-size: 16px;  
  padding: 10px 20px;  
  border-radius: 5px;  
  cursor: pointer;  
}  
  
.btn:hover {  
  color: □ #f4f4f4;  
  background: ■ #446190;  
}
```

8. Display Properties

Syntax:

```
display: value;
```

Property values

VALUE	DESCRIPTION
inline	It is used to displays an element as an inline element.
block	It is used to displays an element as a block element
contents	It is used to disappear the container.
flex	It is used to display an element as a block-level flex container.
grid	It is used to display an element as a block-level grid container.

position: fixed;

An element with `position: fixed;` is positioned relative to the viewport, which means it always stays in the same place even if the page is scrolled. The top, right, bottom, and left properties are used to position the element.

A fixed element does not leave a gap in the page where it would normally have been located.

Notice the fixed element in the lower-right corner of the page. Here is the CSS that is used:

Example

```
div.fixed {  
  position: fixed;  
  bottom: 0;  
  right: 0;  
  width: 300px;  
  border: 3px solid #73AD21;  
}
```

[Try it Yourself »](#)

10. Inline, Block & Inline Block Display