

CSS: From Basics to Beauty

Welcome!

Let's make the web beautiful with CSS! This guide will help beginners understand the essentials of Cascading Style Sheets and create stunning web designs.

What is CSS?

CSS (Cascading Style Sheets) is used to style and layout web pages for example, to alter the font, color, size, and spacing of your content, split it into multiple columns, or add animations and other decorative features.

CSS Syntax

```
selector {  
  property: value;  
}
```

Basic CSS Example

```
<!DOCTYPE html>  
<html>  
<head>  
  <style>  
    body {  
      background-color: #f0f8ff;  
      font-family: 'Segoe UI', sans-serif;  
    }  
    h1 {  
      color: hotpink;  
      text-align: center;  
    }  
    p {  
      font-size: 18px;  
      color: #333;  
    }  
  </style>  
</head>  
<body>
```

CSS: From Basics to Beauty

```
<h1>Hello CSS World </h1>
<p>This is a styled paragraph.</p>
</body>
</html>
```

Flexbox Layout Example

```
<div class="container">
  <div class="box">1</div>
  <div class="box">2</div>
  <div class="box">3</div>
</div>

<style>
.container {
  display: flex;
  justify-content: space-around;
  background-color: #fefbd8;
  padding: 20px;
}
.box {
  width: 100px;
  height: 100px;
  background-color: #ffb6c1;
  text-align: center;
  line-height: 100px;
  border-radius: 10px;
}
</style>
```

Hover Effects & Transitions

```
<button>Hover Me!</button>

<style>
button {
  padding: 10px 20px;
  background-color: royalblue;
  color: white;
  border: none;
  border-radius: 8px;
  font-size: 16px;
}
```

CSS: From Basics to Beauty

```
    transition: background-color 0.3s ease-in-out;
  }

  button:hover {
    background-color: gold;
    color: black;
  }
</style>
```

Box Model Demo

```
<div class="box">I am the Box Model </div>

<style>
  .box {
    width: 200px;
    padding: 20px;
    border: 5px solid black;
    margin: 15px;
    background-color: #add8e6;
  }
</style>
```