**Applying Colors and Backgrounds in CSS**

**Colors:**

CSS offers several ways to specify colors:

* **Hexadecimal Color Codes:** Use a six-character code starting with a # symbol. Each pair of characters represents the red, green, and blue components of the color.

CSS

color: #FF0000; /\* Red \*/

Use code [with caution.](/faq#coding)

* **RGB (Red, Green, Blue):** Use three values, each ranging from 0 to 255, to represent the red, green, and blue components of the color.

CSS

color: rgb(255, 0, 0); /\* Red \*/

Use code [with caution.](/faq#coding)

* **HSL (Hue, Saturation, Lightness):** Use three values to represent the hue (color on the color wheel), saturation (intensity of the color), and lightness (brightness).

CSS

color: hsl(0, 100%, 50%); /\* Red \*/

Use code [with caution.](/faq#coding)

**Backgrounds:**

* **Solid Colors:** Set a uniform background color using the background-color property.

CSS

background-color: #F0F0F0;

Use code [with caution.](/faq#coding)

* **Gradients:** Create smooth transitions between multiple colors using gradients.

CSS

background: linear-gradient(to right, #FF0000, #FFFF00);

Use code [with caution.](/faq#coding)

* **Images:** Set an image as the background using the background-image property.

CSS

background-image: url("image.jpg");

Use code [with caution.](/faq#coding)

**Example HTML Structure:**

HTML

<!DOCTYPE html>

<html>

<head>

<title>Color and Background Example</title>

<style>

.box {

width: 200px;

height: 200px;

margin: 20px;

padding: 10px;

border: 2px solid black;

}

.box1 {

background-color: #FF0000; /\* Red \*/

}

.box2 {

background: linear-gradient(to right, #FF0000, #FFFF00);

}

.box3 {

background-image: url("image.jpg");

background-size: cover;

}

</style>

</head>

<body>

<div class="box box1">Box 1</div>

<div class="box box2">Box 2</div>

<div class="box box3">Box 3</div>

</body>

</html>

Use code [with caution.](/faq#coding)

This example creates three boxes with different background styles:

* **Box 1:** Solid red background using a hexadecimal color code.
* **Box 2:** Linear gradient background from red to yellow.
* **Box 3:** Background image using the specified URL.