

# Text Decoration, Colors, and Fonts in CSS

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CSS (Cascading Style Sheets) is a powerful tool for styling and formatting web content. It allows you to apply various decorations, colors, and fonts to text elements. Here's a brief overview of how you can use CSS to enhance the appearance of text on your webpages:

## Text Decoration

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Text decoration is used to add visual effects to text, such as underlining, overlining, and striking through. The `text-decoration` property is commonly used to achieve these effects.

### Example:

```
/* Underline the text */
.text-underline {
  text-decoration: underline;
}

/* Add a line over the text */
.text-overline {
  text-decoration: overline;
}

/* Strike through the text */
.text-line-through {
  text-decoration: line-through;
}
```

## Colors

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CSS provides several ways to specify colors for text, backgrounds, and other elements. Colors can be expressed using named colors, RGB values, hexadecimal codes, and more.

### Example:

```
/* Using a named color */
.text-red {
  color: red;
}

/* Using RGB values */
.text-green {
  color: rgb(0, 128, 0);
}

/* Using a hexadecimal color code */
.text-blue {
  color: #0000ff;
}

/* Applying a background color */
.background-yellow {
  background-color: yellow;
}
```

## Fonts

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In CSS, you can control the font style, size, weight, and family of text elements. The `font` property is a shorthand for various font-related properties, or you can set individual properties like `font-family`, `font-size`, `font-weight`, etc.

### Example:

```
/* Set font family and font size */
.custom-font {
  font-family: "Arial", sans-serif;
  font-size: 16px;
}

/* Set font weight */
.bold-text {
  font-weight: bold;
}

/* Combine multiple font properties */
.customized-font {
```

```
font: italic bold 20px/1.5 "Times New Roman", serif;  
}
```

Remember that CSS styles can be applied to HTML elements using classes, IDs, or element selectors. The above examples assume that you have HTML elements with appropriate class names to apply the styles.

To apply these styles to your HTML, you can create a CSS file and link it to your HTML file using the `<link>` tag in the `<head>` section:

```
<!DOCTYPE html>  
<html>  
<head>  
  <title>Text Decoration, Colors, and Fonts</title>  
  <link rel="stylesheet" type="text/css" href="styles.css">  
</head>  
<body>  
  <!-- Your HTML content here -->  
</body>  
</html>
```

In this example, the `styles.css` file would contain the CSS code mentioned in the examples above.

Remember that CSS offers numerous other properties and values to control text appearance, colors, and fonts, but this short note covers the basics to get you started.