**Inline CSS**

* **Syntax:** Styles are defined directly within an HTML element using the style attribute.
* **Example:** <p style="color: red; font-size: 20px;">This is a paragraph with inline styles.</p>
* **Advantages:**
  + Quick and easy to apply a specific style to an individual element.
* **Disadvantages:**
  + Not suitable for styling multiple elements with the same style.
  + Can make the HTML code less readable and maintainable.

**Internal CSS**

* **Syntax:** Styles are defined within the <head> section of the HTML document using the <style> tag.
* **Example:**

HTML

<head>

<style>

p {

color: blue;

font-size: 18px;

}

</style>

</head>

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

* **Advantages:**
  + Applies styles to all elements of the same type within the document.
  + Improves code organization compared to inline styles.
* **Disadvantages:**
  + Not suitable for styling multiple pages or sharing styles across different documents.

**External CSS**

* **Syntax:** Styles are defined in a separate .css file and linked to the HTML document using the <link> tag.
* **Example:**

HTML

<head>

<link rel="stylesheet"

href="styles.css">

</head>

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

**styles.css file:**

CSS

p {

color: green;

font-size: 16px;

}

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

* **Advantages:**
  + Separates content (HTML) from presentation (CSS), improving code organization and maintainability.
  + Can be reused across multiple HTML documents.
  + Easier to manage and update styles.
* **Disadvantages:**
  + Requires an additional HTTP request to load the CSS file.

**HTML Page Demonstrating All Three Methods:**

HTML

<!DOCTYPE html>

<html>

<head>

<title>CSS Styles</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<p style="color: red; font-size: 24px;">This paragraph has inline styles.</p>

<p>This paragraph has internal styles.</p>

<style>

p.external {

color: purple;

font-size: 14px;

}

</style>

<p class="external">This paragraph has external styles.</p>

</body>

</html>