

## 1. Why CSS? Inline vs. Internal vs. External

<!-- Inline -->

```
<h1 style="color: red;">Welcome</h1>
```

<!-- Internal -->

```
<head>
```

```
<style
```

```
>
```

```
body
```

```
{
```

```
background-color: #f0f0f0;
```

```
}
```

```
</style>
```

```
</head>
```

<!-- External (in styles.css) -->

```
/* Header styles */
```

```
h1 {
```

```
font-size: 2em;
```

```
color: navy;
```

```
}
```

## 2. CSS Syntax and Comments

```
/* Style for main CTA button */
```

```
.cta-button {
```

```
background-color:
```

```
#007BFF; color: white;
```

```
padding: 10px 20px;
```

```
}
```

## 3. Selectors Playground

```
* {
```

```
margin:
```

```
0;
```

```
padding: 0;
```

```
}
```

```
h2 {
```

```
color: darkgreen;
```

```
}
```

```
#mainHeader {
```

```
background-color: lightblue;
```

```
}
```

```
.eventCard {
```

```
border: 1px solid #ccc;
```

```
}  
h3, p {  
font-family: Arial, sans-serif;  
}
```

#### **4. Color & Background Styling**

```
body {  
background: #ffffff url('background.jpg') no-repeat center center;  
}  
h2 {  
background: linear-gradient(to right, #33ccff, #ff99cc);  
color: #333;  
}
```

#### **5. Typography: Fonts and Text**

```
@import url('https://fonts.googleapis.com/css2?family=Roboto&display=swap');
```

```
body {  
font-family: 'Roboto', sans-  
serif; font-size: 16px;  
}
```

#### **5. Typography: Fonts and Text (cont'd)**

```
.description {  
text-align: justify;  
text-transform:  
uppercase; letter-  
spacing: 1px;  
line-height: 1.5;  
}
```

#### **6. Link and List Styling**

```
a:link { color: blue; }  
a:hover { color: green; }  
a:active { color: red; }  
a:visited { color: purple; }
```

```
nav ul {  
list-style: none;  
padding: 0;  
}  
nav li {  
margin: 10px  
0;
```

```
}
```

## 7. Table Styling

```
table {  
border-collapse:  
collapse; width: 100%;  
}  
th, td {  
border: 1px solid #ccc;  
padding: 8px;  
text-align: center;  
}  
tr:nth-child(even) {  
background-color:  
#f9f9f9;  
}
```

## 8. Box Model & Layout Control

```
.eventCard {  
margin:  
20px;  
padding:  
15px;  
border: 1px solid #ddd;  
}  
input:focus {  
outline: 2px solid blue;  
}  
/* visibility vs display */  
.hidden { visibility: hidden; }  
.none { display: none; }
```

## 9. Multiple Columns in Text

```
.news-article {  
column-count:  
2; column-gap:  
30px;  
column-rule: 1px solid gray;  
}
```

## 10. Responsive Web Design with Media Queries

```
@media screen and (max-width:  
768px) { nav a {  
display: block;
```

## 10. Responsive Web Design with Media Queries (cont'd)

```
margin-bottom: 10px;
```

```
}
```

```
img {
```

```
width:
```

```
100%;
```

```
height:
```

```
auto;
```

```
}
```

```
body {
```

```
font-size: 14px;
```

```
}
```

```
}
```

## 11. Debug and Test with Dev Tools

/\* No code, use Chrome DevTools to inspect, simulate screens, check network tab \*/