# CSS

CSS, or Cascading Style Sheets, is a stylesheet language to specify document presentation and design. If HTML represents the structure of a webpage, CSS represents its appearance specifically, its colors, font style, spacing, layout, and responsiveness. CSS allows developers to separate content from design which makes websites more visually appealing and much easier to maintain.

Types of CSS:

- Inline CSS

CSS is written directly inside an HTML element using the style attribute.
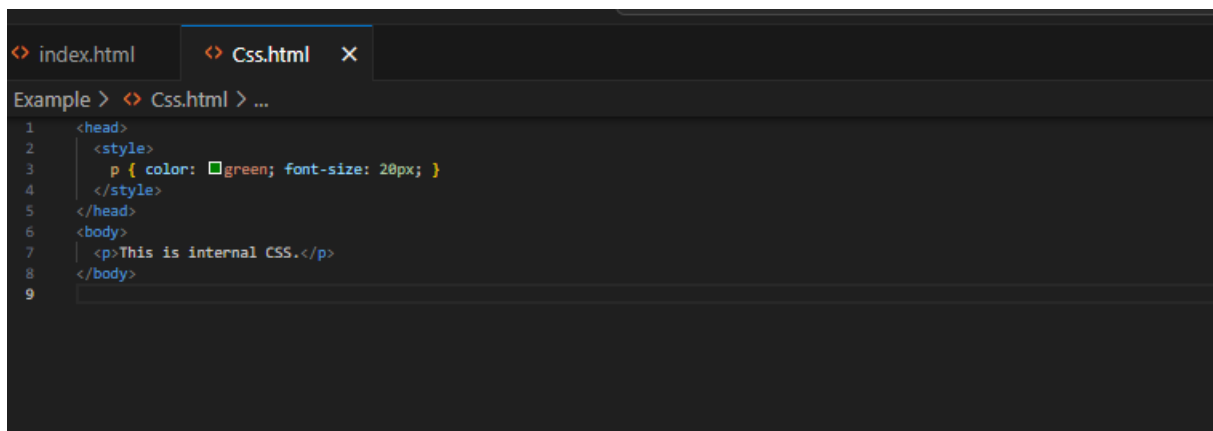
Used for quick styling of individual elements.

```
<> index.html        <> Css.html    X

Example > <> Css.html > ⬡ html > ⬡ body
  1     <!DOCTYPE html>
  2     <html lang="en">
  3     <head>
  4         <meta charset="UTF-8">
  5         <meta name="viewport" content="width=device-width, initial-scale=1.0">
  6         <title>Document</title>
  7     </head>
  8     <body>
  9         <p style="color:■blue; font-size:18px;">This is inline CSS.</p>
 10     </body>
 11     </html>
```

Internal CSS

CSS is written inside a <style> tag within the <head> section of the HTML file.

Good for styling a single webpage.

```
<> index.html        <> Css.html    X

Example > <> Css.html > ...
  1     <head>
  2       <style>
  3         p { color: ■green; font-size: 20px; }
  4       </style>
  5     </head>
  6     <body>
  7       <p>This is internal CSS.</p>
  8     </body>
  9
```

- External CSS

CSS is written in a separate .css file and linked to the HTML file using <link>.

Best practice for large websites as it keeps code organized and reusable.

```
index.html          Css.html    X      # style.css
Example > <> Css.html > head
1    <head>
2    <!-- HTML file -->
3    <head>
4        <link rel="stylesheet" href="styles.css">
5    </head>
6    <body>
7        <p>This is external CSS.</p>
8    </body>
9
```

```
Example > # style.css > ...

1    /* styles.css file */
2    p {
3        color: red;
4        font-size: 22px;
5    }
6
```

Example:



```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Simple Laptop Store</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
      line-height: 1.6;
      background-color: #f9f9f9;
    }
    header {
      background: #222;
      color: #fff;
      padding: 15px;
      text-align: center;
    }
    nav a {
      color: #fff;
      margin: 0 10px;
      text-decoration: none;
    }
    nav a:hover {
      text-decoration: underline;
    }
    main {
      padding: 20px;
    }
    section {
      margin-bottom: 30px;
    }
    article {
      background: #fff;
      border: 1px solid #ddd;
      padding: 15px;
      margin: 10px 0;
      border-radius: 6px;
    }
    h2 {
      color: #333;
    }
    table {
      width: 100%;
      border-collapse: collapse;
      background: #fff;
    }
    table th, table td {
      border: 1px solid #ccc;
      padding: 10px;
      text-align: center;
    }
    table th {
      background: #f0f0f0;
    }
    form input, form textarea, form button {
      width: 100%;
      padding: 8px;
      margin: 5px 0;
      border: 1px solid #ccc;
      border-radius: 4px;
    }
    form button {
      background: #222;
      color: #fff;
      cursor: pointer;
```



```html
<html lang="en">
<head>
  <style>
    form button {
      cursor: pointer;
    }
    form button:hover {
      background: #444;
    }
    footer {
      background: #222;
      color: #fff;
      text-align: center;
      padding: 10px;
      margin-top: 20px;
    }
  </style>
</head>
<body>
  <!-- Header / Nav -->
  <header>
    <h1>ZenByte Laptops</h1>
    <nav>
      <a href="#shop">Shop</a> ·
      <a href="#compare">Compare</a> ·
      <a href="#contact">Contact</a>
    </nav>
  </header>

  <!-- Hero -->
  <main>
    <section aria-labelledby="welcome">
      <h2 id="welcome">Powerful laptops for creators, gamers, and pros.</h2>
      <p>Browse lightweight ultrabooks, gaming rigs, and workstation laptops. Free shipping over $999 and a 2-year warranty on all models.</p>
      <form action="#shop" method="get">
        <label for="q">Search:</label>
        <input id="q" name="q" type="search" placeholder="Model, CPU, RAM">
        <button type="submit">Find</button>
      </form>
    </section>

    <!-- Simple product listing -->
    <section id="shop" aria-labelledby="shop-heading">
      <h2 id="shop-heading">Featured Laptops</h2>

      <article>
        <h3>ZenBook Air 13</h3>
        <p>Intel i5 • 16GB • 512GB SSD • 13.3" FHD • 1.1 kg</p>
        <p>Price: $999</p>
        <p>
          <a href="#">Details</a> |
          <a href="#">Add to Cart</a>
        </p>
      </article>

      <article>
        <h3>Pulse 15 Gaming</h3>
        <p>Ryzen 7 • RTX 4060 • 16GB • 15.6" 144Hz • 2.2 kg</p>
        <p>Price: $1,399</p>
        <p>
          <a href="#">Details</a> |
          <a href="#">Add to Cart</a>
        </p>
      </article>

      <article>
        <h3>Creator Pro 16</h3>
        <p>Intel i7 • 32GB • 1TB • 16" 4K OLED • 1.9 kg</p>
        <p>Price: $1,899</p>
        <p>
```

Example > <> css.html > ...

```html
2    <html lang="en">
82   <body>
94     <main>
106      <section id="shop" aria-labelledby="shop-heading">
129        <article>
130          <h3>Creator Pro 16</h3>
131          <p>Intel i7 • 32GB • 1TB • 16" 4K OLED • 1.9 kg</p>
132          <p>Price: $1,899</p>
133          <p>
134            <a href="#">Details</a> |
135            <a href="#">Add to Cart</a>
136          </p>
137        </article>
138
139        <article>
140          <h3>WorkMate 17</h3>
141          <p>Intel i9 • RTX A2000 • 64GB • 2TB • 17" QHD • 2.6 kg</p>
142          <p>Price: $2,499</p>
143          <p>
144            <a href="#">Details</a> |
145            <a href="#">Add to Cart</a>
146          </p>
147        </article>
148      </section>
149
150      <!-- Comparison table -->
151      <section id="compare" aria-labelledby="compare-heading">
152        <h2 id="compare-heading">Quick Compare</h2>
153        <table>
154          <thead>
155            <tr>
156              <th>Model</th>
157              <th>CPU</th>
158              <th>GPU</th>
159              <th>RAM</th>
160              <th>Storage</th>
161              <th>Screen</th>
162              <th>Weight</th>
163              <th>Price</th>
164            </tr>
165          </thead>
166          <tbody>
167            <tr><td>ZenBook Air 13</td><td>Intel i5</td><td>Intel Iris</td><td>16GB</td><td>512GB</td><td>13.3" FHD</td><td>1.1 kg</td><td>$999</td></tr>
168            <tr><td>Pulse 15 Gaming</td><td>Ryzen 7</td><td>RTX 4060</td><td>16GB</td><td>1TB</td><td>15.6" 144Hz</td><td>2.2 kg</td><td>$1,399</td></tr>
169            <tr><td>Creator Pro 16</td><td>Intel i7</td><td>RTX 4050</td><td>32GB</td><td>1TB</td><td>16" 4K OLED</td><td>1.9 kg</td><td>$1,899</td></tr>
170            <tr><td>WorkMate 17</td><td>Intel i9</td><td>RTX A2000</td><td>64GB</td><td>2TB</td><td>17" QHD</td><td>2.6 kg</td><td>$2,499</td></tr>
171          </tbody>
172        </table>
173      </section>
174
175      <!-- Contact form -->
176      <section id="contact" aria-labelledby="contact-heading">
177        <h2 id="contact-heading">Contact & Support</h2>
178        <form>
179          <p>
180            <label for="name">Name:</label><br>
181            <input id="name" name="name" type="text" required>
182          </p>
183          <p>
184            <label for="email">Email:</label><br>
185            <input id="email" name="email" type="email" required>
186          </p>
187          <p>
188            <label for="msg">Message:</label><br>
189            <textarea id="msg" name="message" rows="5" cols="30" required></textarea>
190          </p>
191          <button type="submit">Send</button>
192        </form>
193      </section>
194    </main>
195
196    <footer>
197      <p>© 2025 ZenByte Laptops</p>
198    </footer>
199  </body>
200  </html>
201
```

Output:

Shop · Compare · Contact

**Powerful laptops for creators, gamers, and pros.**

Browse lightweight ultrabooks, gaming rigs, and workstation laptops. Free shipping over $999 and a 2-year warranty on all models.

Search:

Model, CPU, RAM

Find

**Featured Laptops**

**ZenBook Air 13**

Intel i5 • 16GB • 512GB SSD • 13.3" FHD • 1.1 kg

Price: $999

Details | Add to Cart

**Pulse 15 Gaming**

Ryzen 7 • RTX 4060 • 16GB • 15.6" 144Hz • 2.2 kg

Price: $1,399

Details | Add to Cart

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Intel i7 • 32GB • 1TB • 16" 4K OLED • 1.9 kg

Price: $1,899

Details | Add to Cart

**WorkMate 17**

Intel i9 • RTX A2000 • 64GB • 2TB • 17" QHD • 2.6 kg

Price: $2,499

Details | Add to Cart

**Quick Compare**

| Model | CPU | GPU | RAM | Storage | Screen | Weight | Price |
|---|---|---|---|---|---|---|---|
| ZenBook Air 13 | Intel i5 | Intel Iris | 16GB | 512GB | 13.3" FHD | 1.1 kg | $999 |
| Pulse 15 Gaming | Ryzen 7 | RTX 4060 | 16GB | 1TB | 15.6" 144Hz | 2.2 kg | $1,399 |
| Creator Pro 16 | Intel i7 | RTX 4050 | 32GB | 1TB | 16" 4K OLED | 1.9 kg | $1,899 |
| WorkMate 17 | Intel i9 | RTX A2000 | 64GB | 2TB | 17" QHD | 2.6 kg | $2,499 |

**Contact & Support**

Name:

## Contact & Support

Name:

Email:

Message:

Send