



Chapter 21

Styling the Web With CSS



Chapter Breakdown

- 21.1 What is CSS?
- 21.2 CSS Structure
- 21.3 CSS rules



21.1 What is CSS?

CSS Background

What is CSS?

- Cascading Style Sheets(CSS)
- It is a style sheet language that allows programmers to add styling to a web document
- Applies style rules to different elements

21.2 CSS Structure

CSS Structure

CSS Selectors

Declaration Blocks

CSS Examples

Linking CSS to HTML

- CSS Selectors
 - Element selectors (div)
 - Id selectors (#myID)
 - Class selectors(.myClass)

```
1 selector {  
2     property: value;  
3     property: value;  
4     property: value;  
5 }
```

- Declaration Blocks

```
<tag style="property:value;property:value;property:value;">content</tag>
```

- CSS Examples

- `#pinkParagraph {color: pink;}`
- `.pink-paragraph {color: pink;}`
- `p { color: pink;}`

- Linking CSS to HTML

- Inline → `<tag style="declaration block">content</tag>`
- Internal → `<style></style>`
- External → `<link rel="stylesheet" type="text/css" href="styles.css">`

INLINE → INTERNAL → EXTERNAL

21.3 CSS Rules

```
<!DOCTYPE html>
<html>
  <head>
    <title>Plant-Loving Astronauts</title>
    <style>
      body {
        background-color: cornflowerblue;
      }
      h1 {
        color: green;
      }
      p {
        font-size: 18px;
      }
    </style>
  </head>
  <body>
    <h1>Space Plants Are Cool</h1>
    <p>NASA discovers that plants can live in <b>outer space</b>. More innovations from this discovery to follow.</p>
    <img src = "space-flower.jpg" alt = "Flower floating in space.">
    <!-- This image was taken by NASA and is in the Public Domain -->
  </body>
</html>
```

Space Plants Are Cool

NASA discovers that plants can live in **outer space**. More innovations from this discovery to follow.

