**📱 3. Media Queries for Responsiveness**

Media queries let you apply different styles based on screen size or device type.

**✅ Example:**

```html

<style>

body {

font-size: 18px;

background-color: white;

}

@media (max-width: 600px) {

body {

font-size: 14px;

background-color: lightgray;

}

}

</style>

```

#### 📝 Useful Conditions:

\* `max-width`: screen is less than or equal to value

\* `min-width`: screen is greater than or equal to value

\* `orientation: landscape` or `portrait`

EG:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0"/>

<title>Media Query Example</title>

<style>

.box {

width: 300px;

height: 300px;

background-color: royalblue;

margin: 50px auto;

transition: all 0.3s ease;

}

/\* If screen width is 768px or less (tablet & phones) \*/

@media (max-width: 768px) {

.box {

background-color: orange;

width: 200px;

height: 200px;

}

}

/\* If screen width is 480px or less (phones only) \*/

@media (max-width: 480px) {

.box {

background-color: crimson;

width: 150px;

height: 150px;

}

}

</style>

</head>

<body>

<div class="box"></div>

</body>

</html>