**What is a Media Query?**

A media query is a CSS technique *used* to apply styles based on the device's characteristics — such as screen size, resolution, orientation, etc.

Media queries help your website **look good on all devices**: mobile, tablet, laptop, desktop.

**Common Conditions in Media Queries:**

|  |  |
| --- | --- |
| **Condition** | **Meaning** |
| max-width | Apply styles up to this width |
| min-width | Apply styles from this width and up |
| orientation: portrait | When device is taller than wide |
| orientation: landscape | When device is wider than tall |
| max-height / min-height | Based on screen height |

**Example: Responsive Layout**

|  |
| --- |
| /\* Default for desktops \*/  .container {  width: 1000px;  }  /\* For tablets \*/  @media (max-width: 768px) {  .container {  width: 90%;  }  }  /\* For phones \*/  @media (max-width: 480px) {  .container {  width: 100%;  }  } |

**Why Use Media Queries?**

* Create mobile-friendly websites
* Improve user experience on different devices
* Avoid separate sites for mobile and desktop