



Bootstrap Basics

Lecture # 2

Bootstrap Breakpoints

Bootstrap breakpoints are predefined screen widths that allow responsive design by adjusting the layout and content of a webpage across different devices and screen sizes. They enable developers to create flexible, mobile-friendly websites by applying different CSS styles based on the size of the viewport. Bootstrap uses media queries to define these breakpoints.

Here are the 6 default breakpoints in Bootstrap:

1. Extra Small (xs):

- $<576\text{px}$ (for small mobile devices)
- No media query necessary for this.

2. Small (sm):

- $\geq 576\text{px}$ (for larger mobiles)

3. Medium (md):

- $\geq 768\text{px}$ (for tablets)

4. Large (lg):

- $\geq 992\text{px}$ (for desktops)

5. Extra Large (xl):

- $\geq 1200\text{px}$ (for large desktops)

6. XXL (xxl):

- $\geq 1400\text{px}$ (for extra-large screens)

Breakpoint	Class infix	Dimensions
X-Small	None	$< 576\text{px}$
Small	sm	$\geq 576\text{px}$
Medium	md	$\geq 768\text{px}$
Large	lg	$\geq 992\text{px}$
Extra large	xl	$\geq 1200\text{px}$
Extra extra large	xxl	$\geq 1400\text{px}$

For detailed guidelines about breakpoints check it out at: <https://getbootstrap.com/docs/5.0/layout/breakpoints/>