

ADAPTIVIVE & RESPONSIVE Web Design

Comun: Responsive and adaptive sites are the same in that they both change appearance based on the browser environment they are being viewed on (the most common thing – the browser's width)

Responsive websites respond to the size of the browser at any given time – smooth – fluidly adjusts.

Adaptive websites adapt to the width of the browser at specific points – snap – snaps into place.

Techs:

1. Units (relative) – %, vh, vw, vmin, vmax, em, rem,....
2. CSS + HTML media queries/conditional styles – breakpoints, media types, media features
3. display – flex + grid (smart)
4. JS + scripts

Homework

max-, min- +width – CSS property that sets the maximum width of an element. It prevents the used value of the width property from becoming larger than the value specified by max-width.
!!!max-width overrides width, but min-width overrides max-width.

USE CASES:

*using max-width with images when we don't want the image to be larger than its parent container.
*using max-width or max-height when creating buttons and we don't want them to change their size based on content

IN GENERAL these properties can be used when we don't want our content to influence the size of the parent element.