



## CSS Unit Sizes

### - Absolute units

\* These are fixed in size, regardless of screen or parent elements.

\* px (pixels)

The most common unit. Fixed size on the screen.

\* pt (point) < cm < mm < in (inches)

Mostly for print & Rarely used in web design.

### - Relative to viewport

These scales based on the browser (viewport) size.

\* vw (viewport width):

100vw = 100% of the viewport width. Example:

50vw = 50% of the window's width

\* vh (viewport height):

1vh = 1% of the viewport of height.



\*  $V_{min} / V_{max}$  :

\*  $V_{min}$  = smaller of  $v_h$  and  $v_w$ .

\*  $V_{max}$  = larger of  $v_h$  and  $v_w$ .

Relative to Font Size,

\*  $em$

Relative to the font size of the element

Example -  $2em = 2 \times$  current font size

\*  $rem$

Relative to the root (html) font size.

Example -  $2rem = 2 \times$  the html font size.

Percentage

Relative to the parent element's size

\* %

Example:  $50\%$  width means half the width of the parent container.