

CSS Flexbox

Computing

One axis, two alignment properties, and the handful of values that do everything.

justify-content works along the main axis.
align-items works across it.

flex-direction: row → main axis horizontal · **column** → vertical

display: flex; justify-content: center; align-items: center

The classic. Works at any size.

Push one item to the right **margin-left: auto** on that item

Cleaner than space-between when only one item moves.

Equal columns

flex: 1 on each child

Shorthand for grow 1, shrink 1, basis 0.

THE COMMON MISTAKE

✗ **align-items: center** to centre horizontally in a row

✓ **justify-content: center**

In a row the main axis is horizontal, so justify-content is the horizontal one.
Switch to column and they swap.

gap works in flexbox too — you rarely need margins between children any more.