

W03 - CSS Review

flex-grow



flex-grow: 1; Space is divided by the sum of the values.

grow more as number rises

flex-shrink - manage how much items shrink to fit space

0 - no shrink

1 - shrink more as number rises

flex-basis - defines size similar to min-width except it allows width to change according to space available

Remaining freespace calculated by subtracting large # from total

flex - Shorthand property

flex: initial ← default properties

flex: 1 1 100px;

↑ ↑ \
Grow shrink basis

240 - weed killer
ortho

Proportion of Page

Axis Alignment - flex-grow and flex-shrink grow and shrink elements to use remaining space
justify-content allows alignment and distribution through remaining space

justify-content: flex-start ← default (Justify left)

justify-content: flex-end ← items group together and stick to main-end in right corner

justify-content: flex-center ← items group together and align to center

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Justify-content: space-between - items will justify left/right

Justify-content: space-around - items will space evenly across page with space before and after first and last item.

align-items - and align-self - aligns items along cross axis

align-items: flex-start; ← sticks items to cross-start

align-items: flex-end; ← sticks items to cross-end

align-items: center; ← places items to center of cross-axis

align-items: baseline; ← aligns items with their baseline

align-items: stretch; ← items will occupy the same vertical size as the cross-axis.

align-self overrides align-items in parent

align-self: auto; ← makes item inherit align-items value from parent or stretch if parent doesn't have it.

- align-items is applied to the flex container

- align-self is applied to the element.

align-content - if there are multiple lines and there is space between the items, align-content defines distribution of these items working similarly to justify-content, but aligns line, not item

align-content: flex-start; ← places lines at top of container

align-content: flex-end; ← places lines at bottom of container

align-content: center; ← centers lines within container

align-content: space-between ← lines justify top/bottom

align-content: space-around ← lines space evenly up/down with space before and after first and last line