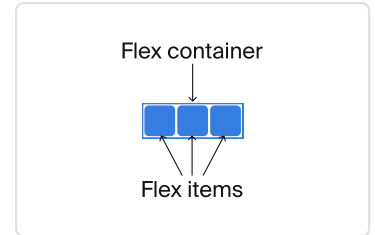


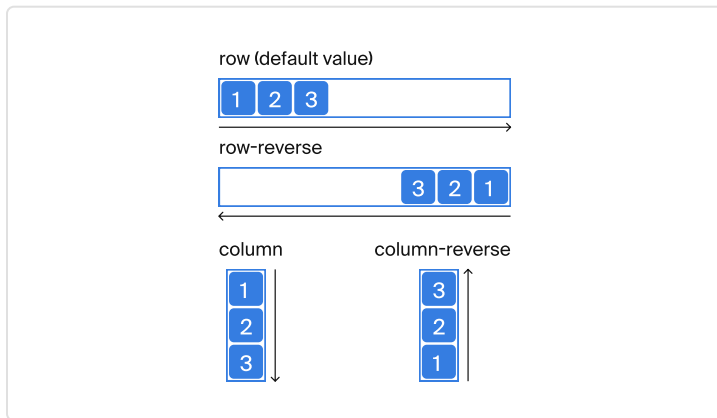
Flex Containers and Items

- Add `display: flex` to the parent container to make it a flex container
- The children of a flex container are called flex items



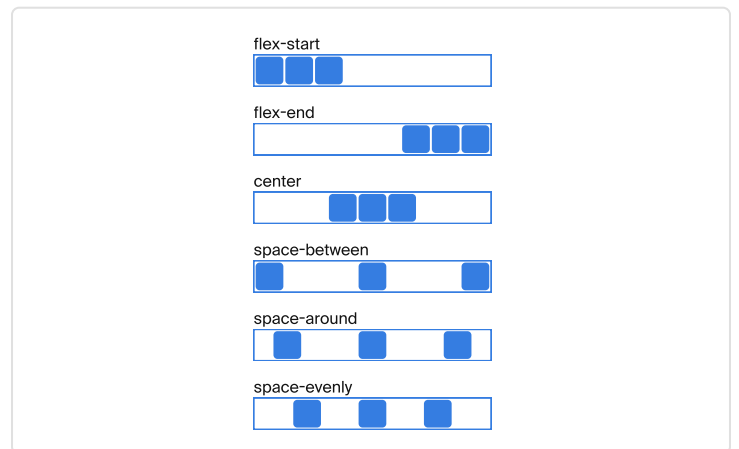
flex-direction

Controls the direction in which flex items are placed along the main-axis of their container:



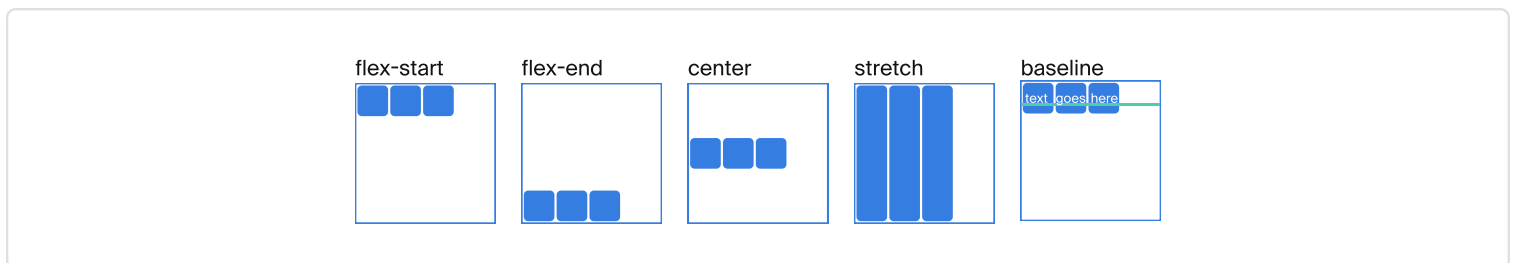
justify-content

Arranges the items along the main-axis:



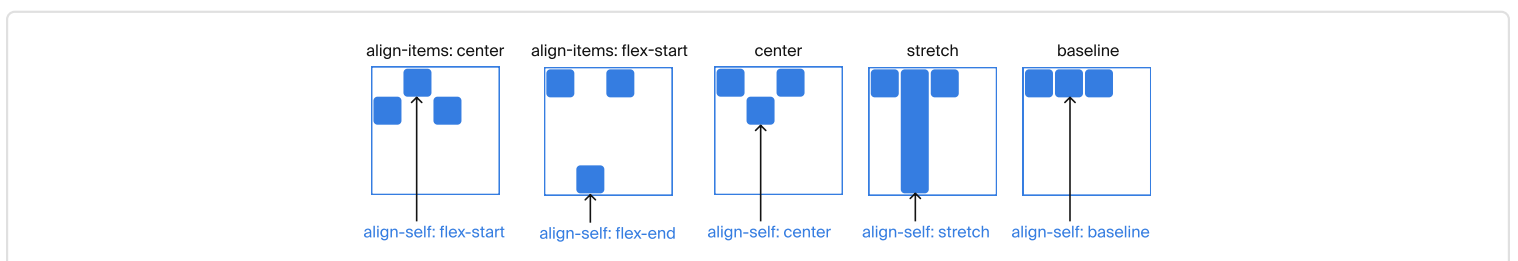
align-items

Arranges all flex items along the cross-axis:



align-self

Arranges an individual item along the cross-axis:



order

Controls the order in which items appear in a flex container:

- Defaults to `0`
- Accepts integer values (negative, positive, or `0`)
- Items are arranged in ascending order according to this value

flex-wrap

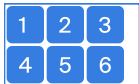
nowrap

The default behavior places items in a single row, allowing overflow if necessary:



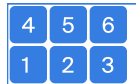
wrap

Items wrap to new lines starting at the top:



wrap-reverse

Items wrap to new lines starting at the bottom:



flex-basis

Sets the initial main-axis dimension of the flex item:

- Affects `height` if `flex-direction` is `column`. Otherwise, it affects `width`
- This size may change when the screen size is adjusted

flex-grow

Controls how items behave if there is excess space in the container:

- Accepts non-negative numbers and defaults to `0`
- A flex item with `flex-grow: 0` will not grow if there is extra space in the container
- Flex items with nonzero `flex-grow` will grow proportionally to their `flex-grow` value

flex-shrink

Controls how items behave if there is not enough space in the container:

- Accepts non-negative numbers, and defaults to `1`
- if there is not enough space in the container, flex items will shrink to fit
- The amount that each item shrinks will be proportional to its `flex-shrink` value