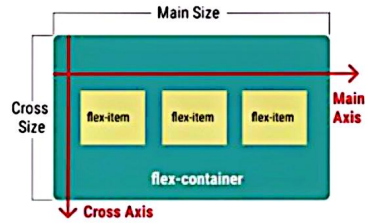


# Flexbox Cheatsheet



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## Flexbox



## Flexbox Properties

### Container Properties

- flex-direction
- flex-wrap
- justify-content
- align-items
- align-content

### Flex Item Properties

- order
- flex
- flex-grow
- flex-shrink
- align-self

## Properties for the Parent (flex container)

### How the container should behave?

#### display:

**flex** makes the container act display block

**inline - flex** makes the container act display inline

### Distribute the extra space between items along the cross axis

#### align-items:

- stretch (Default)** stretch to fill the container
- flex-start** cross axis align items to start
- center** cross axis align items center
- flex-end** cross axis align items to end
- baseline** align baselines

### Wrap the items as needed

#### flex-wrap:

**nowrap (default)** all items will try to stay on one line

**Wrap** if items don't fit they will wrap and create a new line below

**Wrap-reverse** if items don't fit they will wrap and create a new line above



### Distribute the extra space along the main axis

#### justify-content:

- flex-start (Default)** items anchored to the start
- center** items centered
- flex-end** items anchored to the end
- space-between** items evenly distributed in the line. First item in on the start and last item is at the end
- space-around** start and end items are not to the edge but have 1 unit of space on each side
- space-evenly** similar to space-around, except all space is the same

### Set the main axis to vertical or horizontal

#### flex-direction:

- row (Default)** left to right
- row-reverse** right to left
- Column** top to bottom
- Column-reverse** reverse = bottom to top

### Distribute the extra space of lines of items along the cross axis

#### align-content:

- stretch (Default)** lines stretch to take up the space that is left
- flex-start** items anchored to the start
- center** items centered
- flex-end** cross axis align items to end
- space-between** first line at the start of the container and the last one is at the end
- space-around** lines are evenly distributed with equal space around each line

## Properties for the Children (flex items)

### Change the order of the item

#### Order:

[number] default is 0

### Let one item take more space than the other items

#### flex-grow

[number] default is 0

If one of the children has a value of 2, then it would take up twice as much space as the others

### Let one item take less space than the other items

#### flex-shrink

[number] default is 0

If one of the children has a value of 2, then it shrinks two times more than the rest

### Set the default size of the item before the other item sizes are set

#### flex-basis

**auto (default)** look at my width or height property

[length] A number followed by px, em, rem, or %.

### Override the align-items value for a particular item

#### align-items:

- stretch (Default)** stretch to fill the container
- flex-start** cross-start margin is on the cross start line
- center** centers are aligned
- flex-end** cross-end margin is on the cross end line
- baseline** baselines are aligned
- auto**