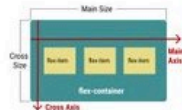


Flexbox Cheatsheet



@sumusirwardana

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:

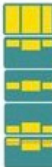
stretch (Default) stretch to fill the container

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 is 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 the 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

