Flexbox Cheatsheet

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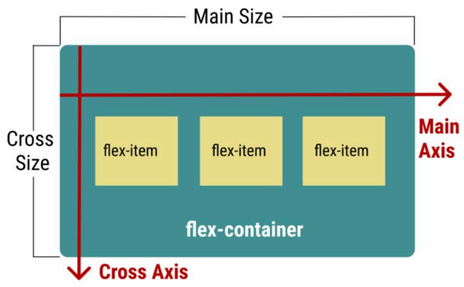
Flexbox



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

flex: flex-grow flex-shrink flex-basis;

flex: initial; -> flex: 0 1 auto;
flex: auto; -> flex: 1 1 auto;
flex: none; -> flex: 0 0 auto;
flex: value; -> flex: value 1 0%;

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: cross axis

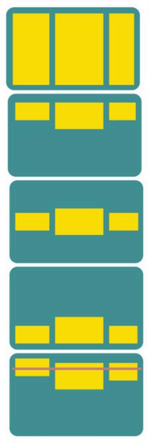
stretch (Default) *stretch to fill the container*

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*



When flex-direction is column,
justify-content changes to vertical and align-items to horizontal

flex-flow: flex-direction flex-wrap;

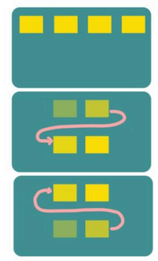
Wrap the items as needed

flex-wrap: Requires width/flex-basis

nonwrap (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 axiz

justify-content: main axis

flex-start (Default) *items anchored to the start*

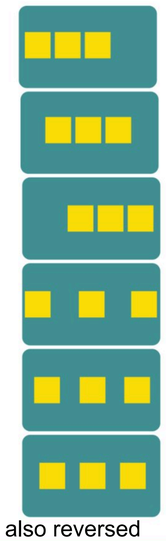
center *items centered*

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*



When flex-direction is reverse, start and end are also reversed

place-content: align-content justify-content;

Set the main axis to vertical or horizontal

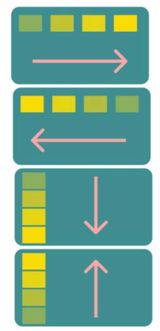
flex-direction:

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 + flex-wrap

align-content:

stretch (Default) *lines stretch to take up the space that is left*

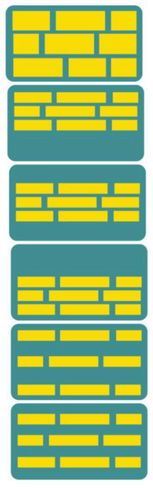
flex-start *items anchored to the start*

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:

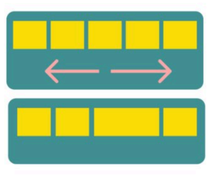
[number] *default is 0*

Let one item take more sapce 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

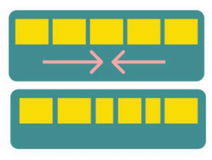


Let one item take less sapce than the other items

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

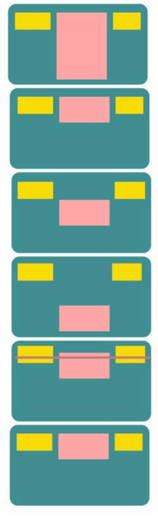
align-items: self

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*

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