

* 1-dimensional : Flexbox

2-dimensional : Grid

* display: flex (default value: row)

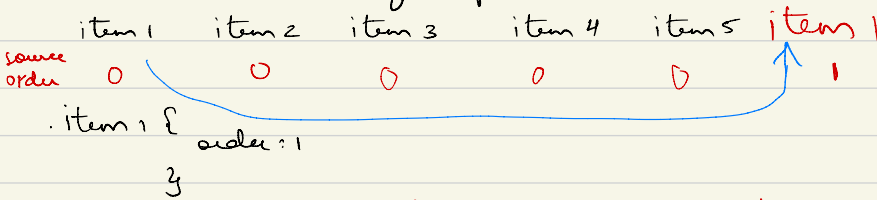
* Flex-wrap: item size will not shrink and it will go on to the next line.

* Justify-content work on main-axis, which means in the horizontal direction of the flex and align-items works on the other axis.

That's why when we change direction it starts working on main axis (justify-content) and we think that justify content is misbehaving but it's not true. Justify content works on main-axis.

* gap: 10px 30px
row gap column gap

* source order is 0 by default.



Default property: 1 (shrink / grow equally with other items)

* Flex grow / Flex shrink: priority to grow or shrink in comparison to other items.

* Flex: 1 2;
flex grow flex shrink

* Flex item will work on one line and not flex content

* grid-template-columns : repeat (3, 1fr);
whole display will get divided into 3 equal parts.

+ flex-direction
+ flex-flow: column wrap;
flex-wrap

Parent Properties

- 1) Justify content
- 2) Align Item

Child Properties

- 1) order
- 2) flex-grow (by default, 1)
- 3) align-self (will not follow parent flex properties)