

## CSS flexbox:

To start using the Flexbox model, you need to first define a flex container. This goes on the PARENT of the things you want to layout

**display: flex**

### Properties for the Parent (the display:flex element)

- Flex-direction - which direction to stack
  - column or column-reverse
  - **row** or row-reverse
- flex-wrap - specifies whether the flex items should wrap or not
  - wrap or **nowrap**
  - wrap-reverse
- flex-flow - is a shorthand property for setting both the flex-direction and flex-wrap properties.

```
display: flex;  
flex-flow: row wrap;
```

- justify-content – aligns items on main axis (row or column)
  - center
  - **flex-start**
  - flex-end
  - space-around
  - space-between
- align-items – align items on cross axis
  - center
  - flex-start
  - flex-end
  - **stretch**
  - baseline
- align-content – controls space between flex lines on cross axis
  - space-between
  - space-around
  - **stretch**
  - center
  - flex-start
  - flex-end

### Properties for the CHILDREN

- order **(default is zero)**
- flex-grow – how much will it grow RELATIVE to the rest – **the default is 0**
- flex-shrink - how much will it shrink RELATIVE to the rest – **default is 1**
- flex-basis = initial width of item
- flex – shorthand for grow, shrink and basis (ie flex: 1 2 150px)
- align-self – specifies the alignment for the selected item inside the parent (independent of the other children). It overrides the default alignment set by the parent's align-items property