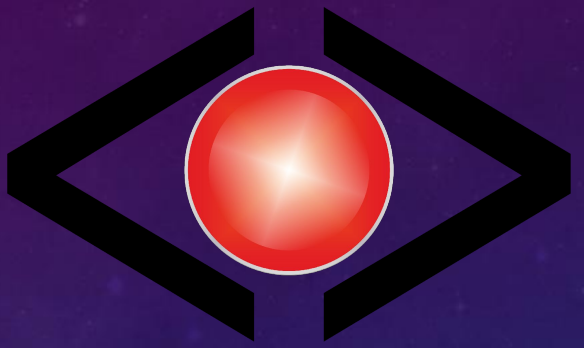


APS - CSS5

FLEX BOX

- Focus on concepts, not memories of the properties
- Layout method for laying out items in a row or column
- It’s new(ish) addition to CSS

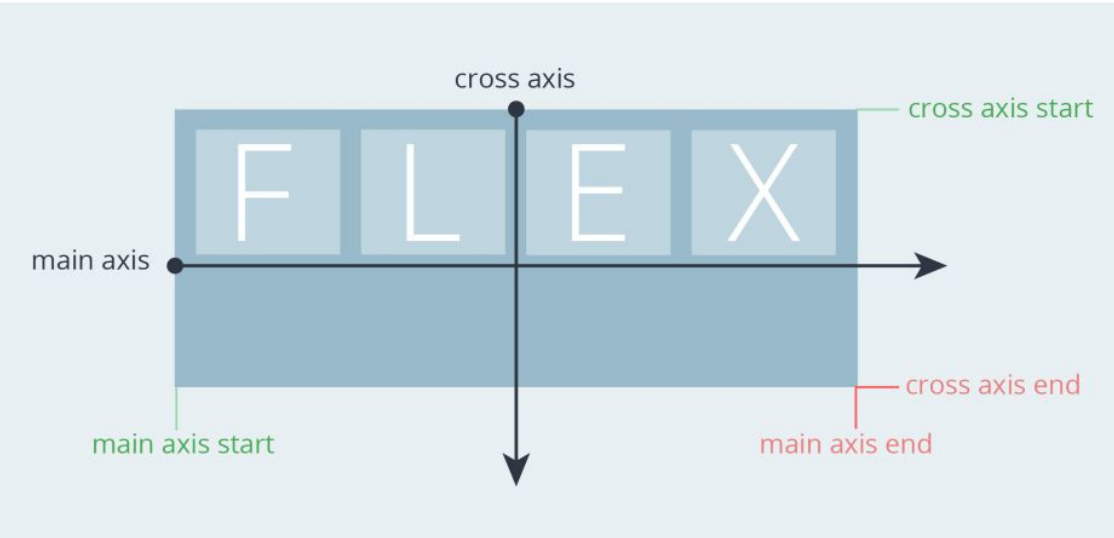
Airbnb

MDN

cssTricks

Flex Demo (important)

Flex Direction

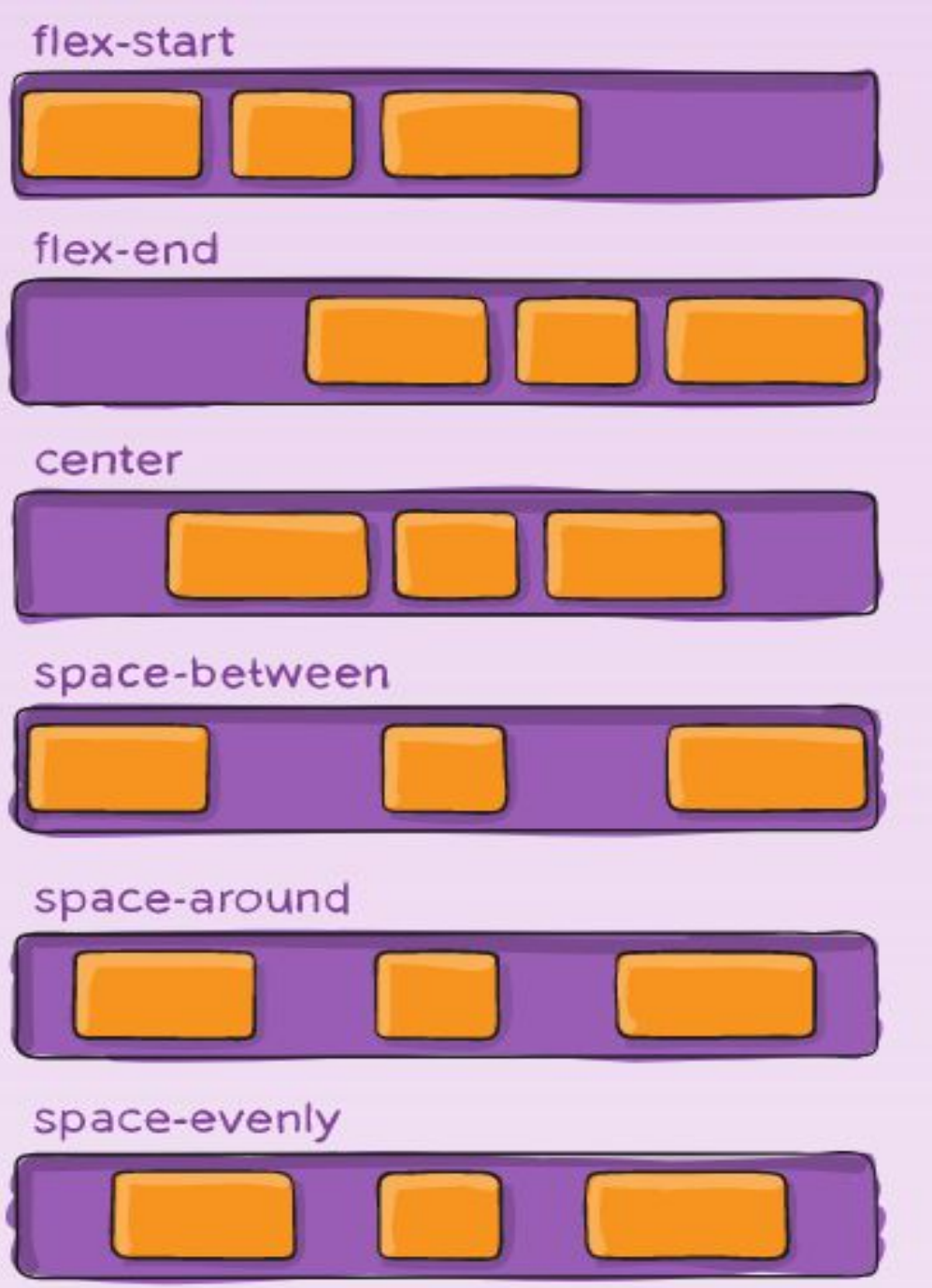


- Row
- Row-reverse
- Column
- Column reverse

Justify Content

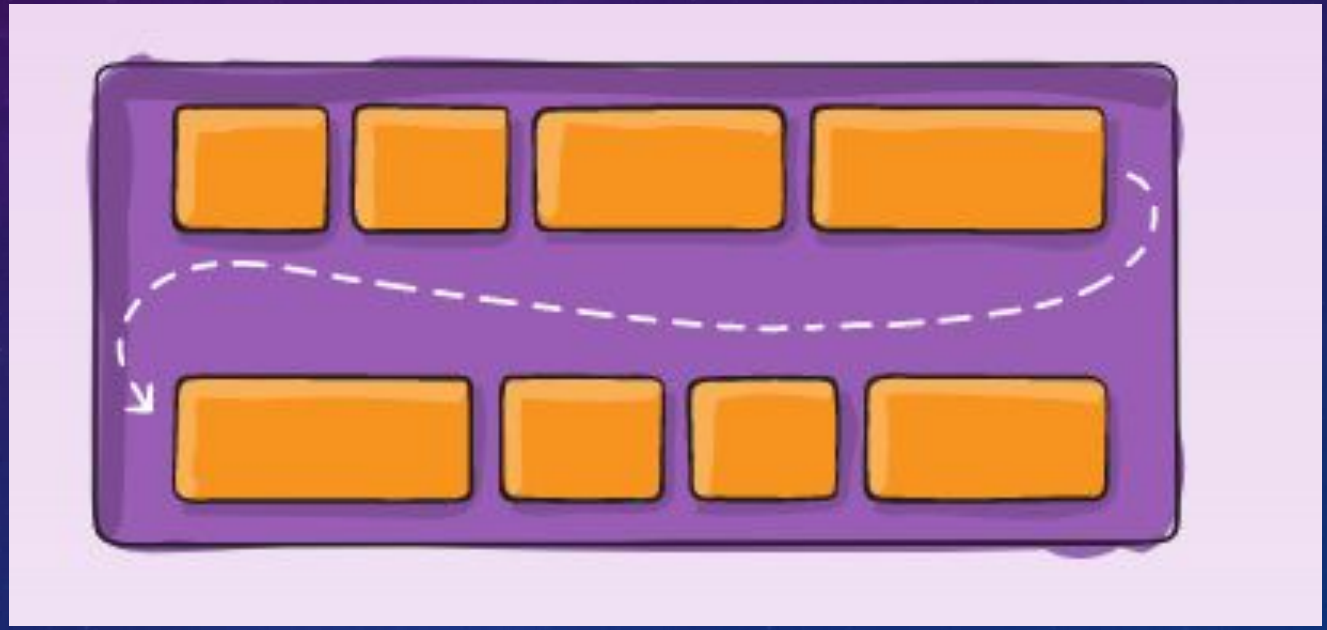
- Flex-start
- Flex-end
- Center
- Space-between
- Space-around
- Space-evenly

? How we can change the main axis?



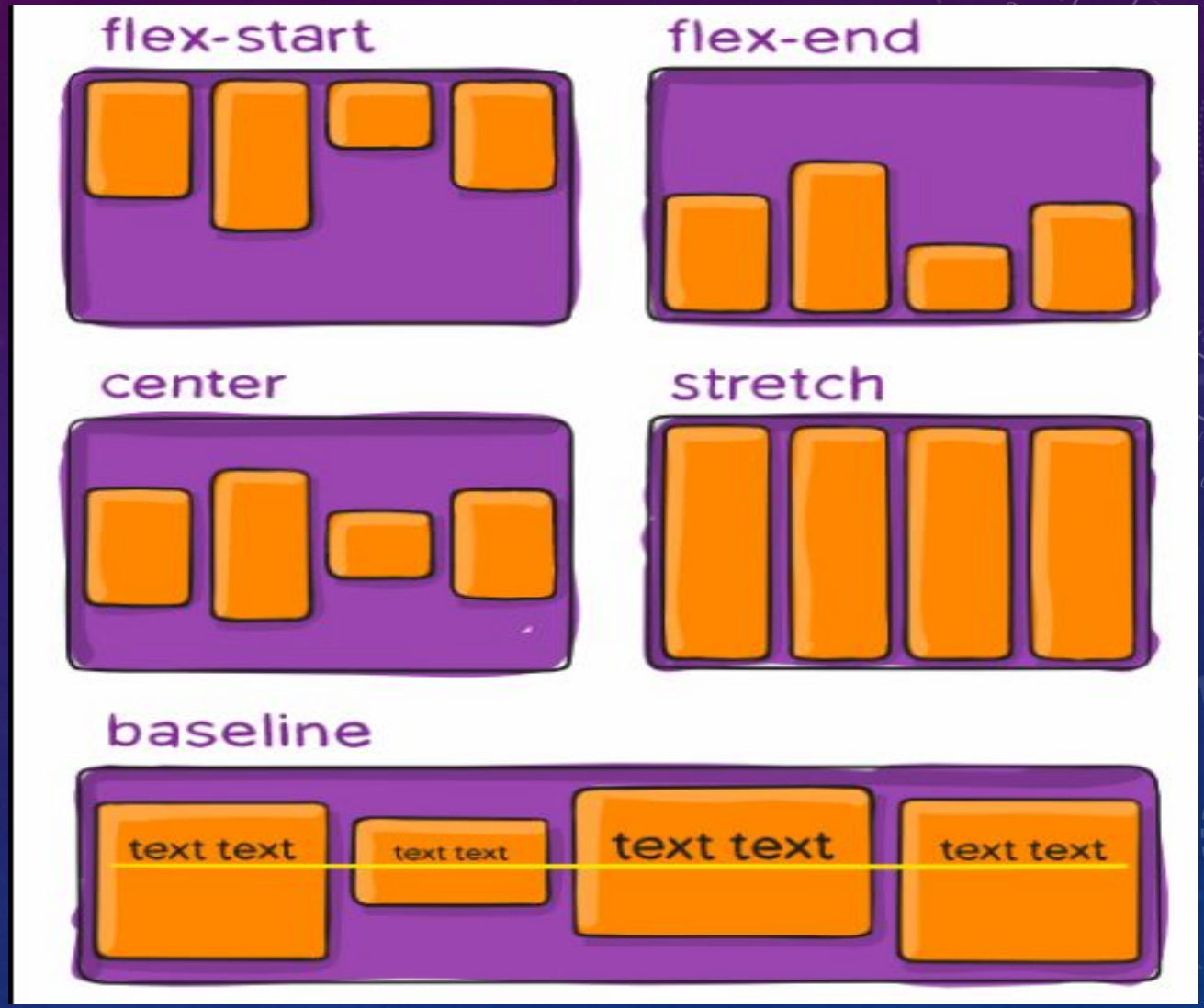
FLEX-WRAP

- Wrap
- Wrap-reverse
- nowrap



Align Items

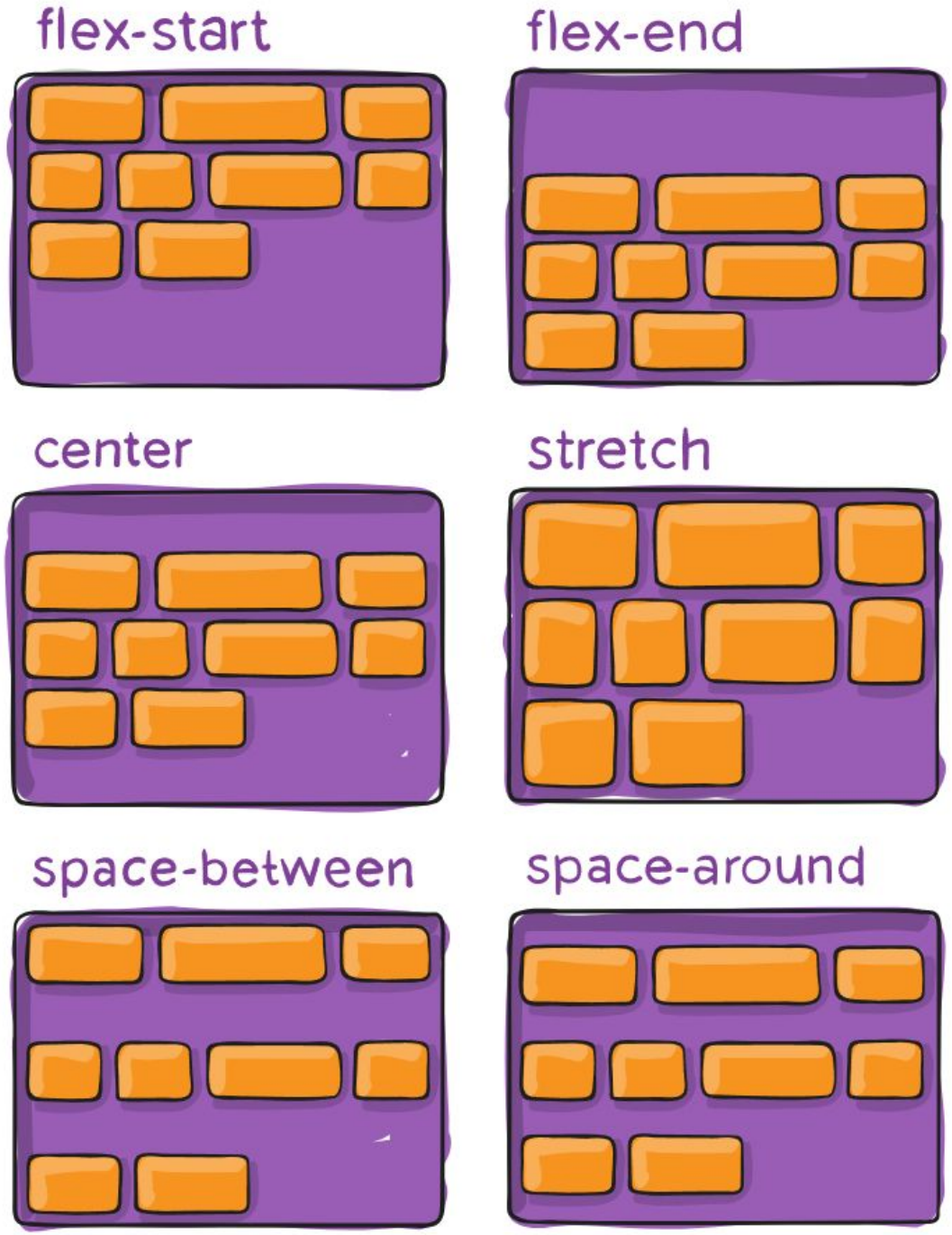
- Flex-start
- Flex-end
- Center
- Baseline



Align Content

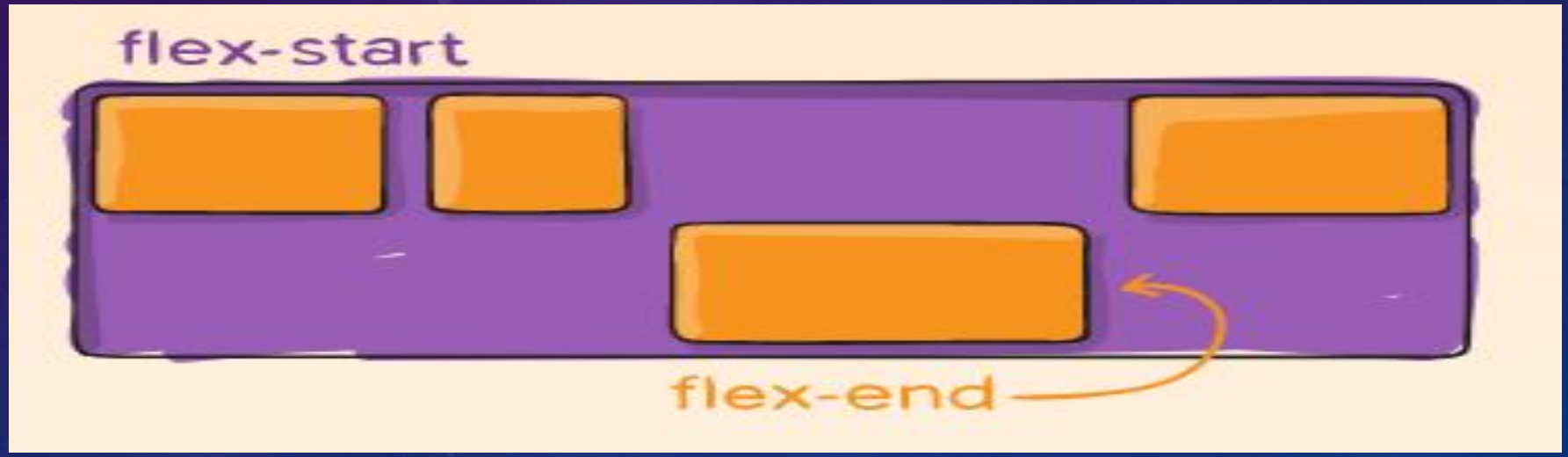
(only when we have “flex-wrap” on) – to control the space between rows or columns

- Space-between
- Flex-start
- Flex-end
- Center

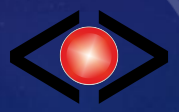


ALIGN SELF

- Flex-end
- Flex-start
- Center



- **Flex-basis**
  - Define the initial size of an element before additional space is distributed.
- **Flex-grow**
  - Controls the amount of space an element should take up.
  - Accepts a unit-less number value
- **Flex-shrink**
  - If the items are larger than the container, they shrink according to flex-shrink



Syntax

```
/* Keyword values */
flex: auto;
flex: initial;
flex: none;

/* One value, unitless number: flex-grow */
flex: 2;

/* One value, width/height: flex-basis */
flex: 10em;
flex: 30%;
flex: min-content;

/* Two values: flex-grow | flex-basis */
flex: 1 30px;

/* Two values: flex-grow | flex-shrink */
flex: 2 2;

/* Three values: flex-grow | flex-shrink | flex-basis */
flex: 2 2 10%;

/* Global values */
flex: inherit;
flex: initial;
flex: unset;
```

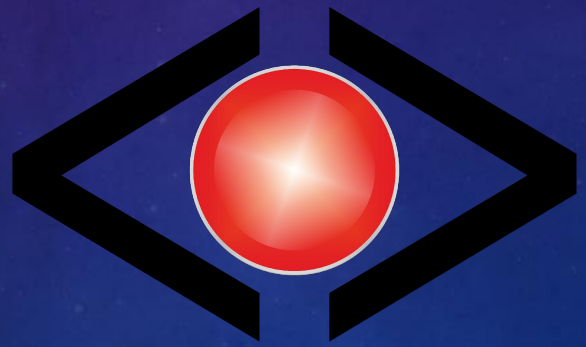
Flexbox Shorthand

- **Flex**
  - Use mdn

Further Learning

What is CSS Grid? (MDN)

“

THANK YOU, For Listening

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