# Flexbox Container & Flex Items

WEBPAGE DESIGN-LAYOUT & STRUCTURING ELEMENTS

# Agenda

▶ Flex container

▶ Flex items

# Flex Container

Page Layouts

# Gap

To create space between items, without using margins:

gap:0 |<length>

# Justify content

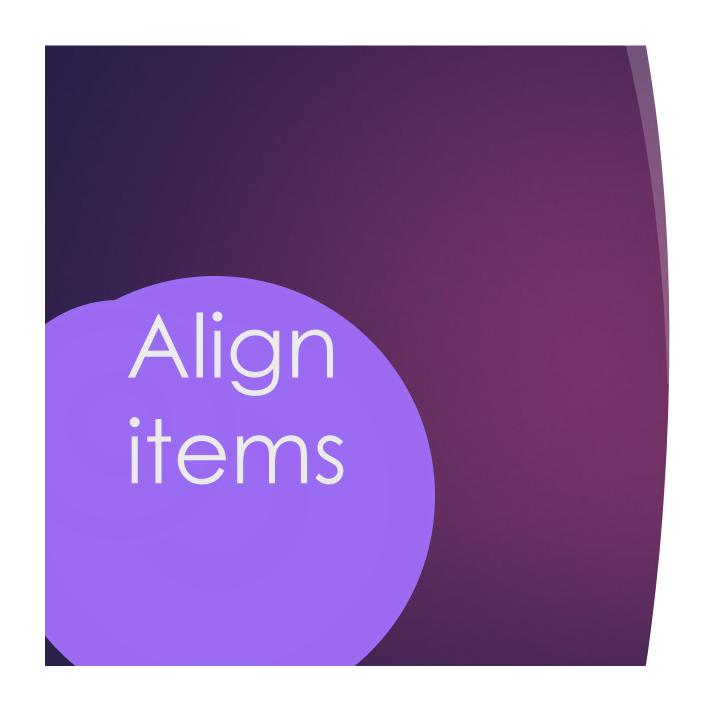To align items along main axis (horizontally, by default):

justify-content: flex-start

| flex-end |center

|space-between

|space-around

|space-evenly

# Align items
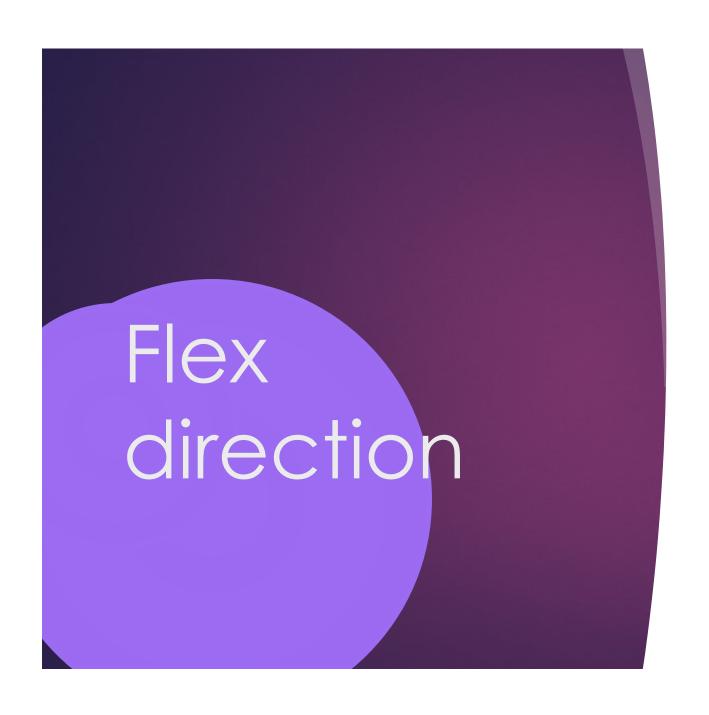
To align items along cross axis (vertically, by default):

align-items: stretch
| flex-start
| flex-end
| center
| baseline

# Flex direction

To define which is the main axis:

flex-direction: row

| row-reverse

| column

| column-reverse

# Flex wrap

To allow items to wrap into a new line if they are too large:

flex-wrap: nowrap

| wrap

| wrap-reverse

# Align content

Only applies when there are multiple lines (flex-wrap: wrap):

align-content: stretch
| flex-start
| flex-end
| center
| space-between
| space-around

# Flex Items

Structuring page elements

# Align self

To overwrite align-items for individual flex items:
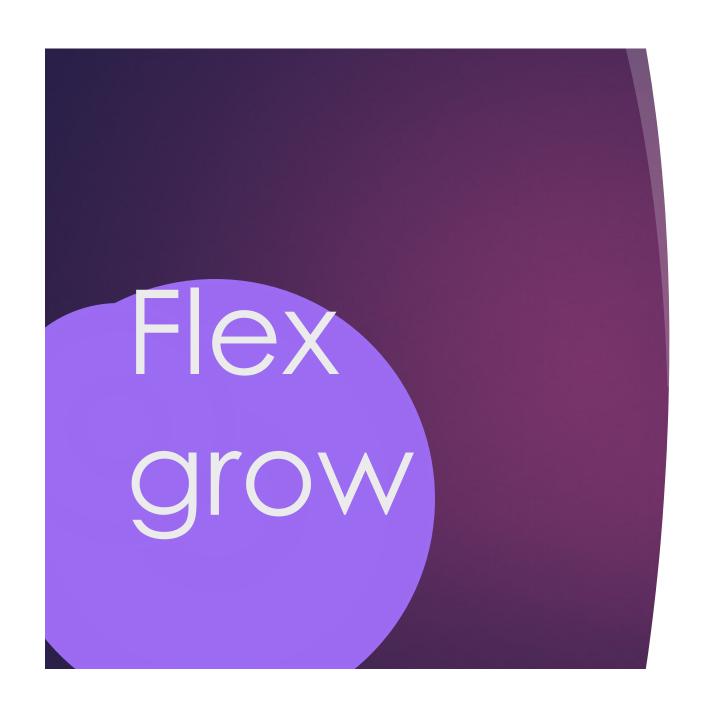
align-self: auto
| stretch
| flex-start
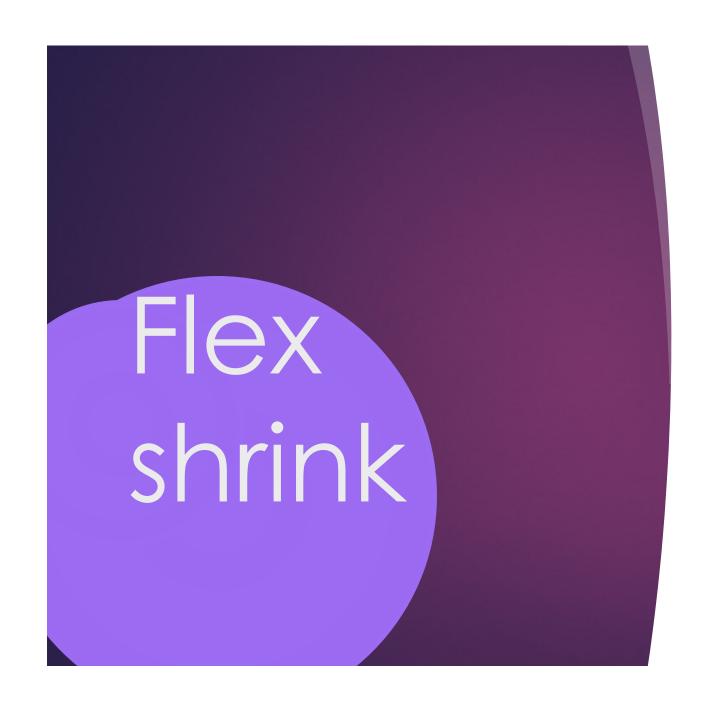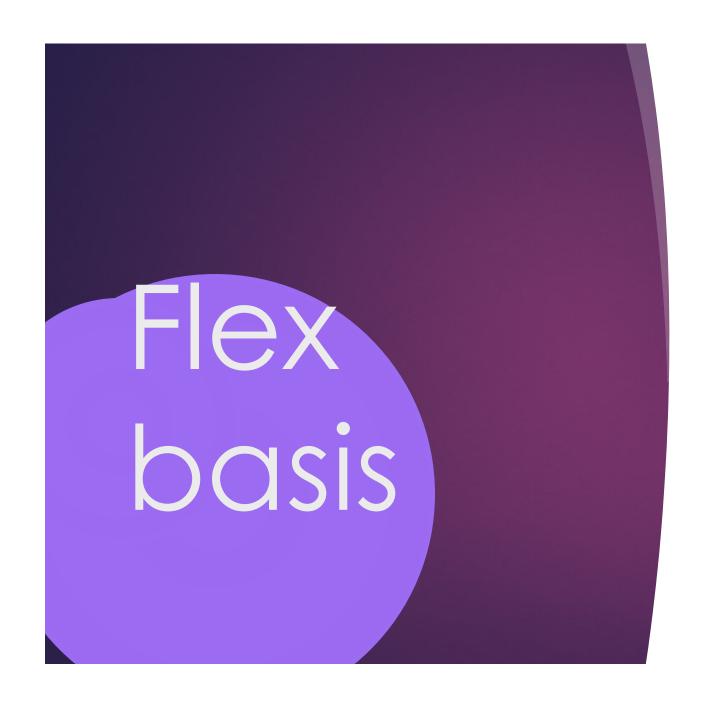| flex-end
| center
| baseline

# Flex grow

To allow an element to grow (0 means no, 1+ means yes):

flex-grow: 0|<integer>
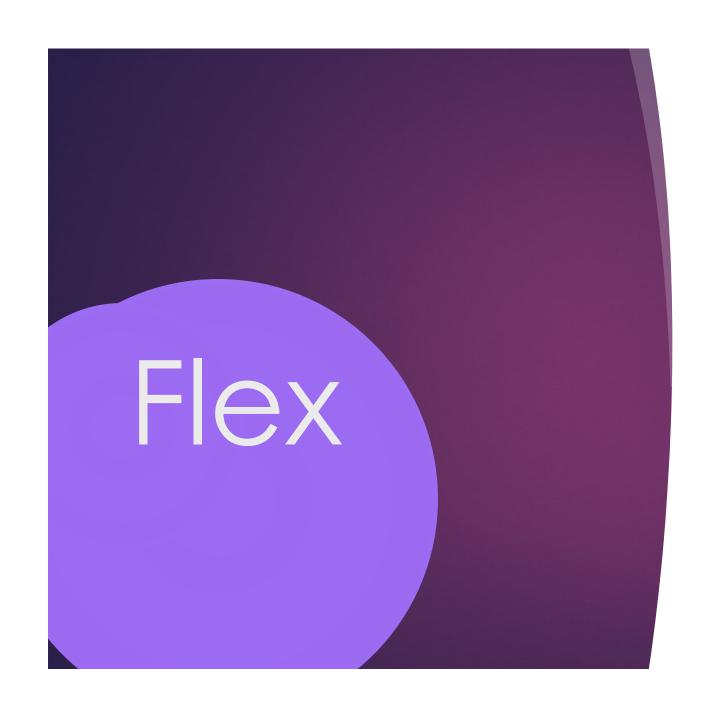
# Flex shrink

To allow an element to shrink (0 means no, 1+ means yes):

flex-shrink: 1  |<integer>

# Flex basis

To define an item`s width, instead of the width property:

flex-basis: auto |<length>

# Flex

Recommended shorthand for flex-grow, flex-shrink, flex-basis:

flex: 0 1 auto
 | <int><int><int>

# Order

Controls order of items. -1 makes item first, 1 makes it last:

order:0|<integer>

# Any Question?

Thank You!