

# VEM SER

**HTML e CSS**

Aula 03 - Flexbox



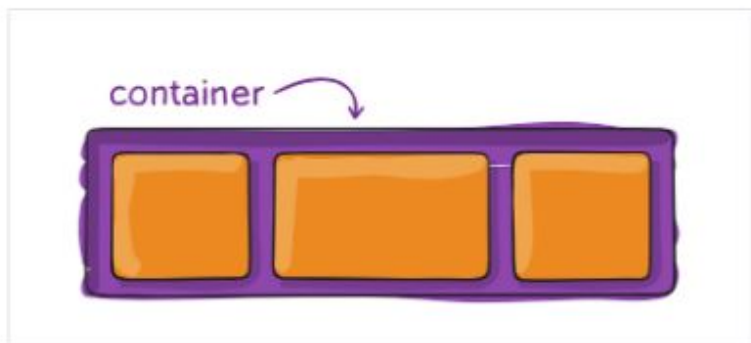
***Flexbox***

# ***Flexbox***

**Flexbox** (*Flexible Box Module*) é uma forma de organizar os elementos na interface.

O Flexbox é um modelo de *layout* **unidimensional**, ou seja, possui apenas uma direção (linhas **ou** colunas).

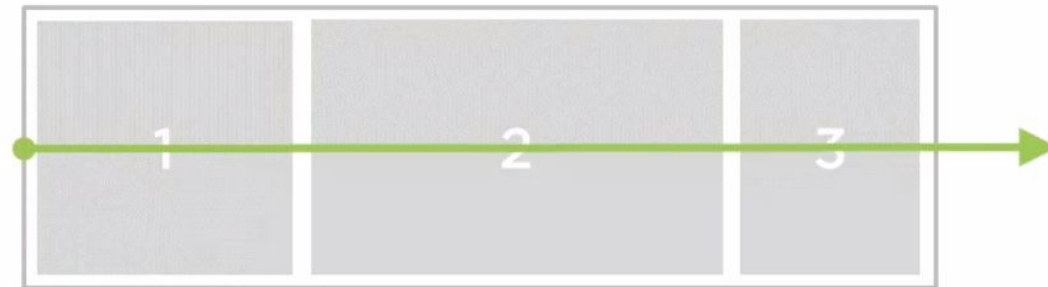
# Elemento pai



```
1 .container {
2   display: flex; /* ou inline-flex */
3 }
```

## Eixo principal (*main axis*)

Main Axis



# flex-direction

A propriedade **flex-direction** nos permite alterar a direção dos filhos de um elemento pai que tenha o **display: flex**.



Flex-Direction

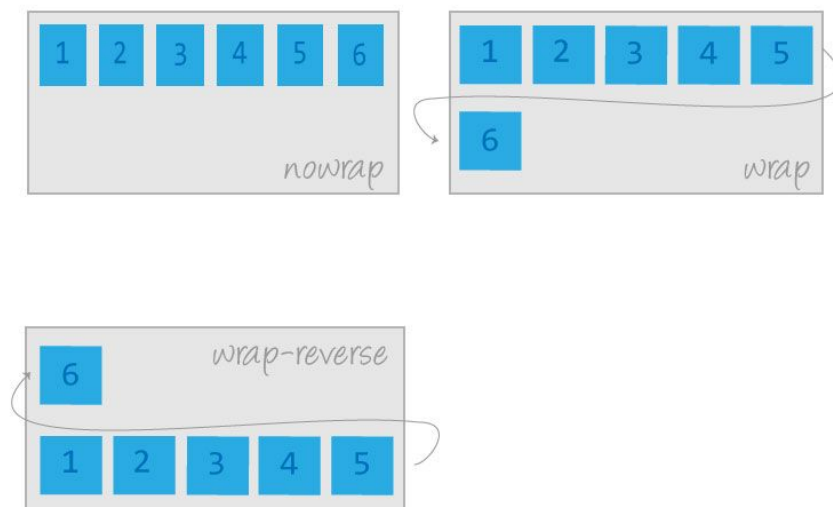
```
1 .container {
2   display: flex;
3   flex-direction: row;
4 }
```

```
1 .container {
2   display: flex;
3   flex-direction: column;
4 }
```

```
1 .container {
2   display: flex;
3   flex-direction: row-reverse;
4 }
```

```
1 .container {
2   display: flex;
3   flex-direction: column-reverse;
4 }
```

# *flex-wrap*



FlexWrap

# ***justify-content***

***justify-content*** alinha os itens no eixo principal

*flex-start*



*flex-end*



*center*



*space-between*



*space-around*



*Justify-Content*



# ***align-items***

***align-items*** alinha os itens no eixo secundário

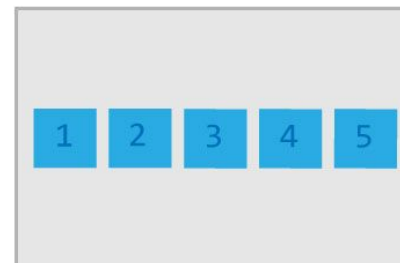
*flex-start*



*flex-end*



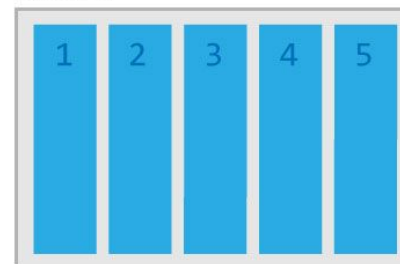
*center*



*baseline*



*stretch*

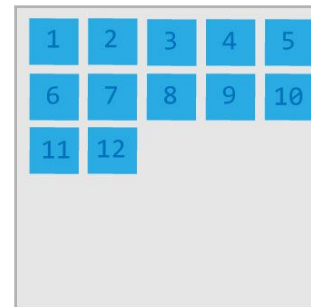


*Align-Items*

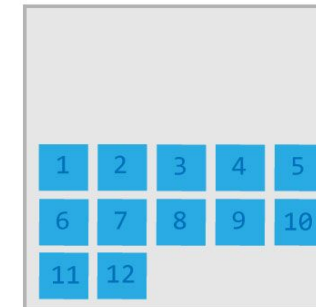
# ***align-content***

O ***align-content*** alinha as linhas (ou colunas) no eixo secundário (só é usado quando existir mais de uma).

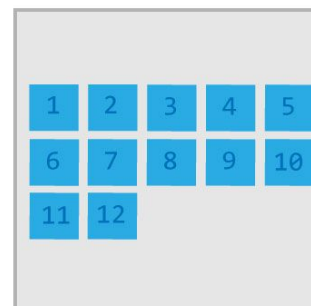
*flex-start*



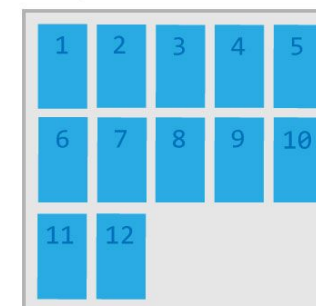
*flex-end*



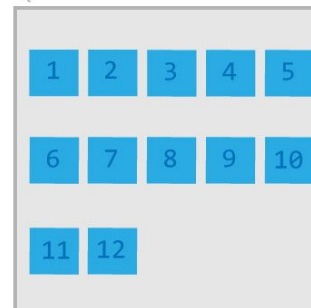
*center*



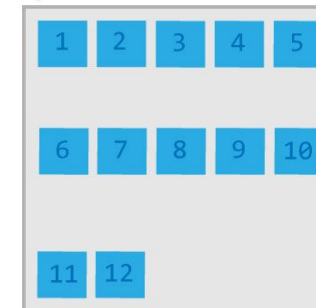
*stretch*



*space-around*



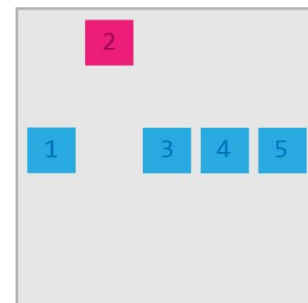
*space-between*



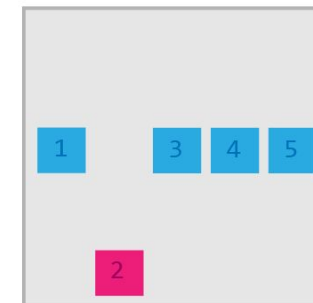
# *align-self*

Alinha apenas o item no eixo secundário.

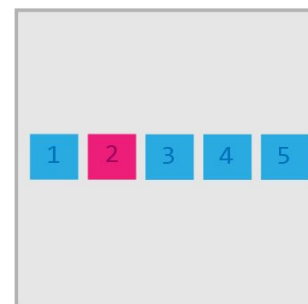
flex-start



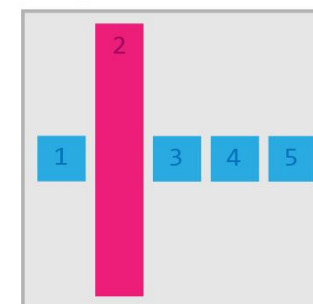
flex-end



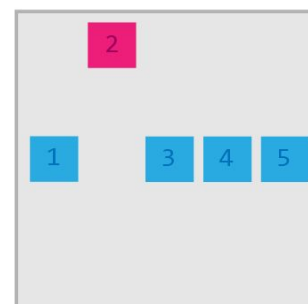
center



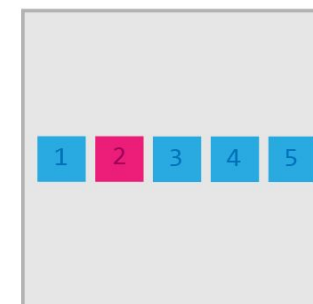
stretch



baseline



auto



Align-Self

with .container { align-items: center; }

# *order*

Altera a ordem de disposição dos itens, a ordem padrão é 0.

(default)



order: 1



order: 3



Order

# *flex-grow*

Aumenta proporcionalmente o tamanho de um item, o padrão é 0.

(default)



flex-grow: 1 (all)



flex-grow: 2 (on second item)



Flex-Grow

# Vamos jogar!

<https://flexboxfroggy.com>

## FLEXBOX FROGGY

Level 1 of 24

Welcome to Flexbox Froggy, a game where you help Froggy and friends by writing CSS code! Guide this frog to the lilypad on the right by using the `justify-content` property, which aligns items horizontally and accepts the following values:

- `flex-start`: Items align to the left side of the container.
- `flex-end`: Items align to the right side of the container.
- `center`: Items align at the center of the container.
- `space-between`: Items display with equal spacing between them.
- `space-around`: Items display with equal spacing around them.

For example, `justify-content: flex-end;` will move the frog to the right.

```

1 #pond {
2   display: flex;
3
4 }
5
6
7
8
9
10

```

Next

Flexbox Froggy is created by [Codecademy](#) • [GitHub](#) • [Twitter](#) • [Settings](#)

Want to learn CSS grid? [Play Grid Garden](#).



# Dicas de material

[https://tympanus.net/codrops/css\\_reference/flexbox/](https://tympanus.net/codrops/css_reference/flexbox/)  
<https://css-tricks.com/snippets/css/a-guide-to-flexbox/>



Let's *Tech Up Together*