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All About Flex Box

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Flex-direction: row

Flex-direction: row-reverse

Flex-direction

This property is for parent. It allows us to set or change item's direction.

Flex-direction: column

Flex-direction: column-reverse

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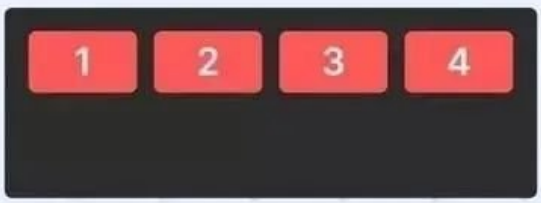
Flex-wrap: wrap

Flex-wrap: wrap-reverse

Flex-wrap

This allow you to wrap the
items and prevent overflow



Flex-wrap: nowrap (default)

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justify-content

This is used to align items in the x axis or horizontal axis.

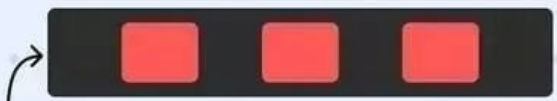
justify-content: flex-start

justify-content: flex-end

justify-content: center

justify-content: space-between

justify-content: space-around



justify-content: space-evenly

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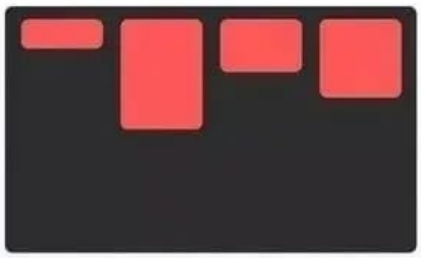
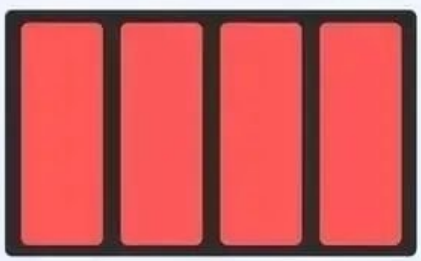


align-items: flex-start (defult)

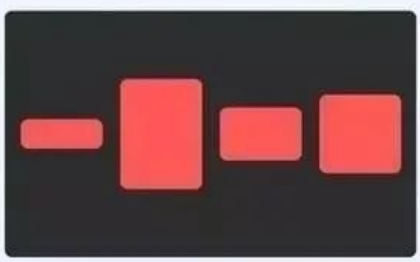
align-items: flex-end

align-items

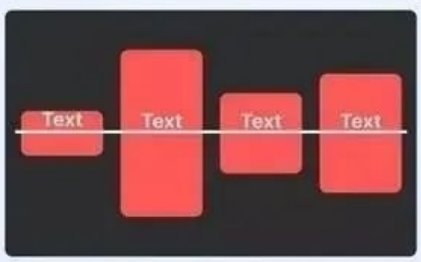
This is used to align items in Y axis
or vertical axis.



align-items: strech



align-items: center



align-items: baseline

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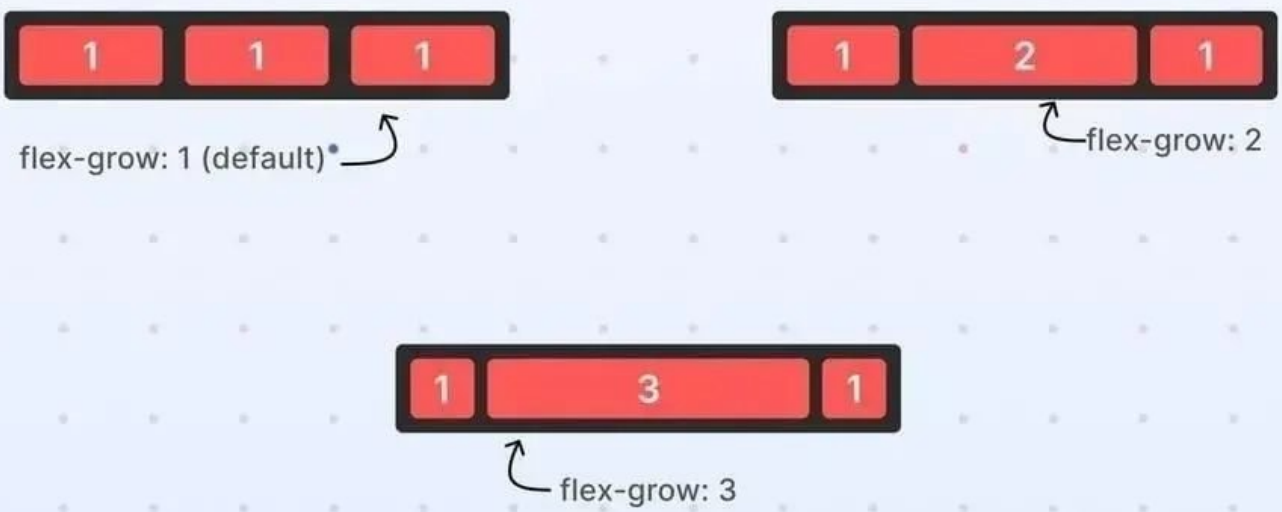
Flex-grow

As the name suggests flex-grow is used to increase or grow item's width in proportion to occupy the space.



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Flex-shrink

This shrinks or decrease the width of item in proportions to occupy the space.

flex-shrink: 1 (default)

flex-shrink: 2

flex-shrink: 3

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Flex-basis

This defines the default size of an element before distributing the space among items. You can give fixed lengths like(100px, 20rem) or you can use auto value. auto means take value from width and height property.

Flex-flow

This is the shorthand for flex-direction and flex-wrap. The default value is :

```
.container{
    flex-flow: row nowrap;
}
```

You can see the first value for this property id flex-direction and second is for flex-wrap.

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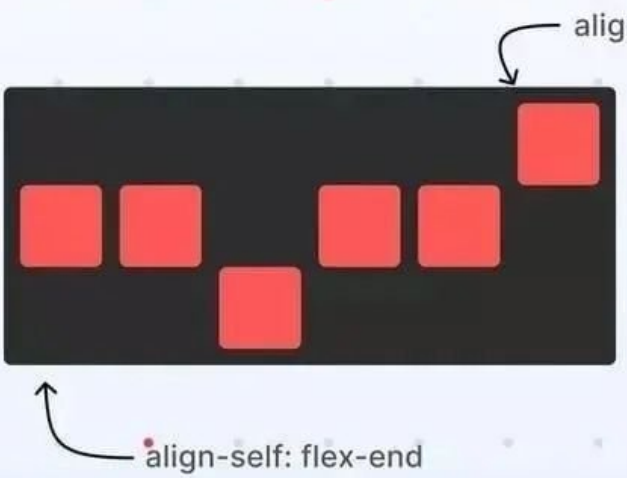
align-self

This property allow to align item individually. You can set different align position for each item.



Flex

This is a shorthand for flex grow, flex shrink and flex basis.

```
flex: <flex-grow> <flex-shrink> flex-basis>;
```

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