Flexbox Cheatsheet

flex container

flex item	flex item	flex item	flex item

`display: flex`

flex container

cross axis | cross start

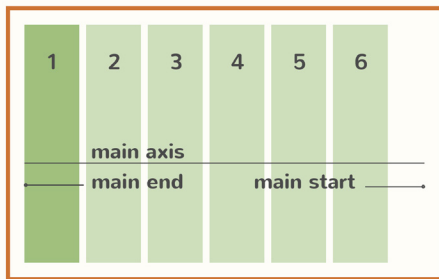|			
flex item	flex item	flex item	flex item

main axis
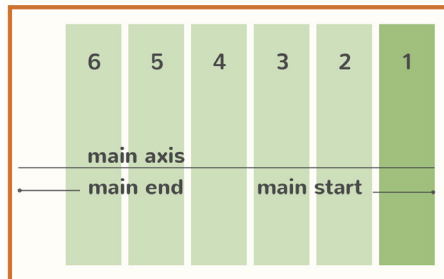
main start

cross end

main end
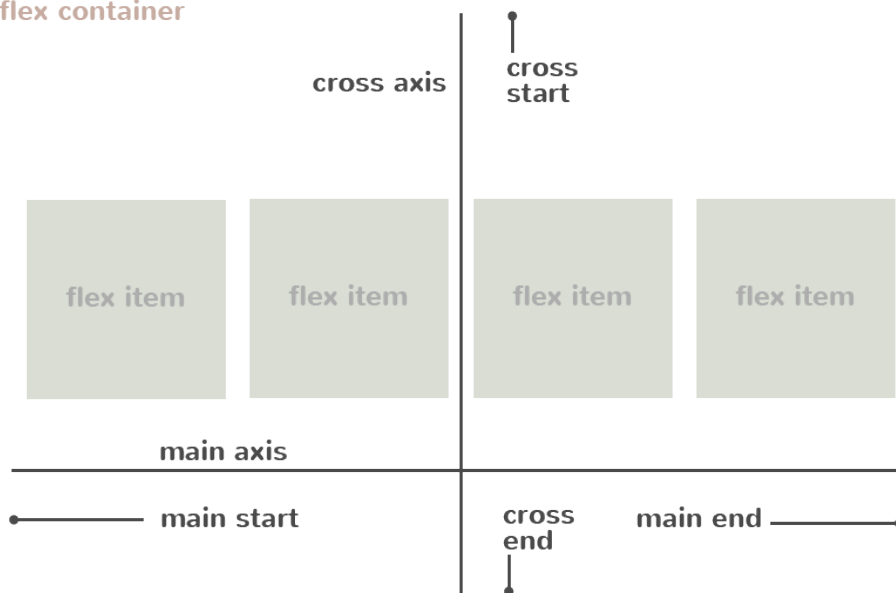
Flex Container Properties

Flex Direction `flex-direction: row | row-reverse | column | column-reverse`

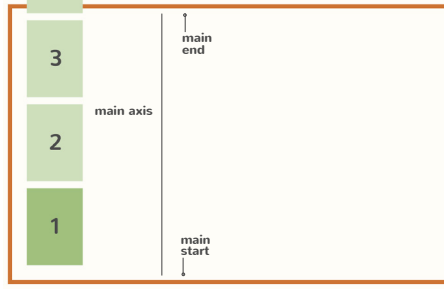Defines the main and cross axis and controls how flex items are placed in container.

| 1 | 2 | 3 | 4 | 5 | 6 |

main axis
main end ——— main start

`flex-direction: row`

| 6 | 5 | 4 | 3 | 2 | 1 |

main axis
main end ——— main start

`flex-direction: row-reverse`

1
main start

2
main axis

3
main end

`flex-direction: column`

3
main end

2
main axis

1
main start
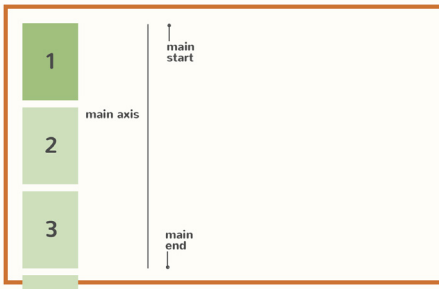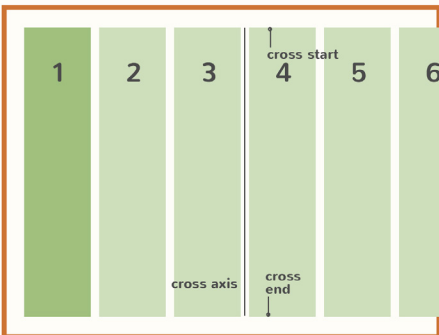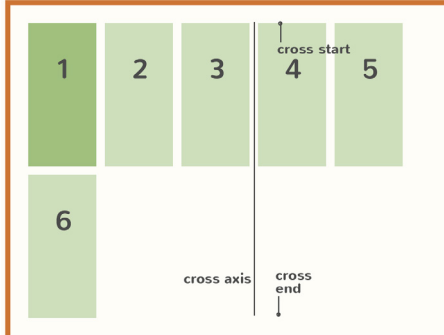
`flex-direction: column-reverse`

Flex Wrap `flex-wrap: nowrap | wrap | wrap-reverse`

Specifies whether items on a line should be forced onto one line or flow onto a next line.

| 1 | 2 | 3 | cross start 4 | 5 | 6 |

cross axis | cross end

`flex-wrap: nowrap`

| 1 | 2 | 3 | cross start 4 | 5 |
| 6 |

cross axis | cross end

`flex-wrap: wrap`

| 6 |
cross axis | cross end
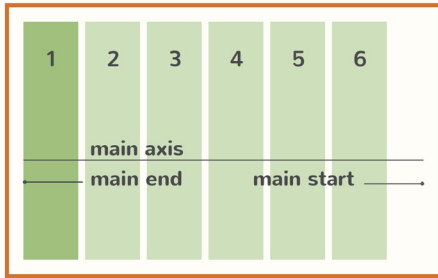| 1 | 2 | 3 | 4 | 5 |
cross start
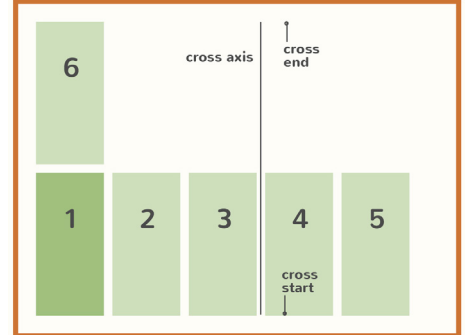
`flex-wrap: wrap-reverse`

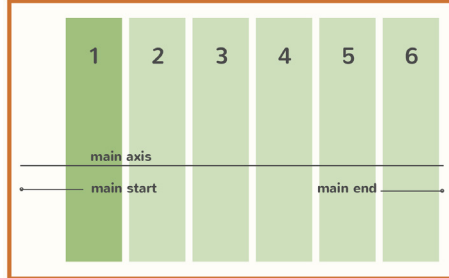# Flex Container Properties, cont'd.

Justify Content

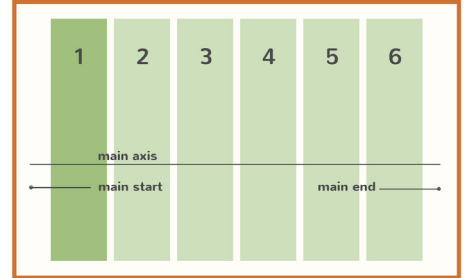`justify-content: flex-start | flex-end | center | space-between | space-around`

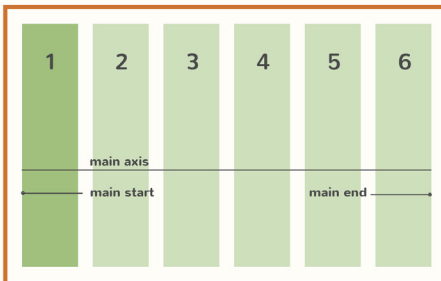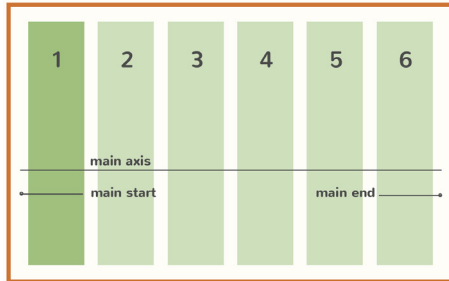Defines how space is distributed along the main axis.

| 1 | 2 | 3 | 4 | 5 | 6 |

main axis
main end — **main start**

`justify-content: flex-start`

| 1 | 2 | 3 | 4 | 5 | 6 |

main axis
main start — main end

`justify-content: flex-end`

| 1 | 2 | 3 | 4 | 5 | 6 |

main axis
main start — main end

`justify-content: center`

| 1 | 2 | 3 | 4 | 5 | 6 |

main axis
main start — main end

`justify-content: space-between`

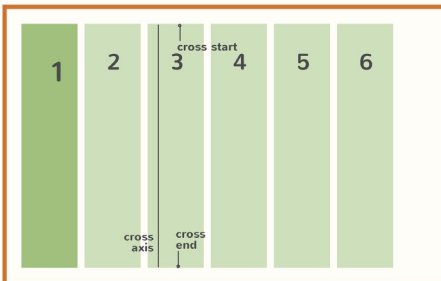| 1 | 2 | 3 | 4 | 5 | 6 |

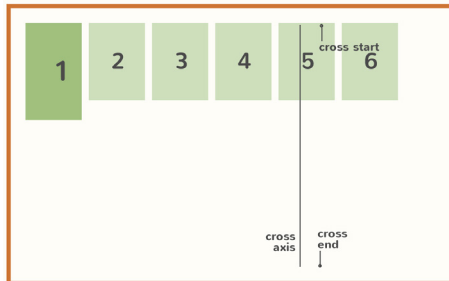main axis
main start — main end

`justify-content: space-around`

Align Items

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

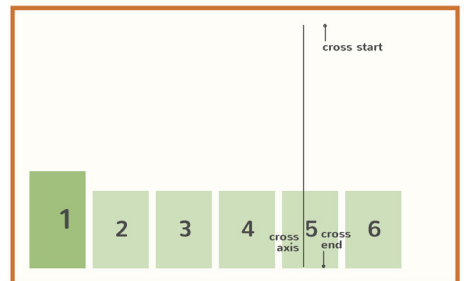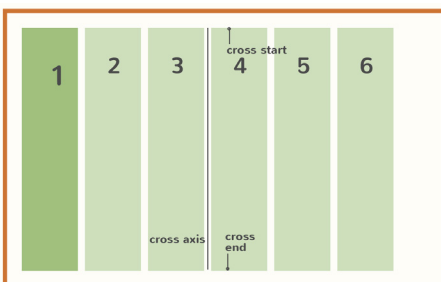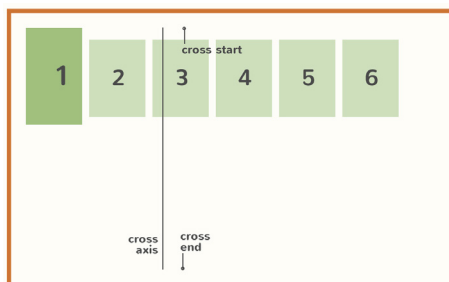Defines how space is distributed along the cross axis.

| 1 | 2 | 3 | 4 | 5 | 6 |

cross start
cross axis   cross end

`align-items: stretch`

| 1 | 2 | 3 | 4 | 5 | 6 |

cross start
cross axis   cross end

`align-items: flex-start`

| 1 | 2 | 3 | 4 | 5 | 6 |

cross start
cross axis   cross end

`align-items: flex-end`

| 1 | 2 | 3 | 4 | 5 | 6 |

cross start
cross axis   cross end

`align-items: center`

| 1 | 2 | 3 | 4 | 5 | 6 |

cross start
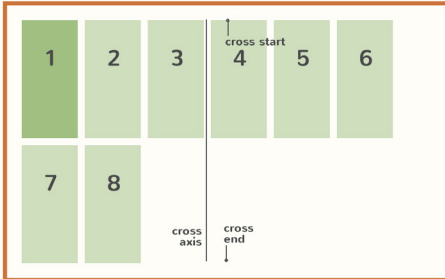cross axis   cross end

`align-items: baseline`

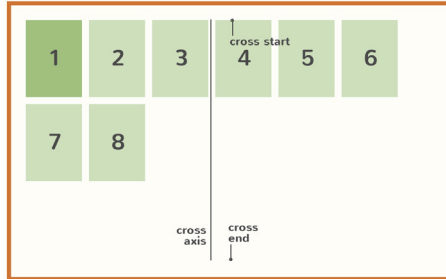# Flex Container Properties, cont'd.

Align Content

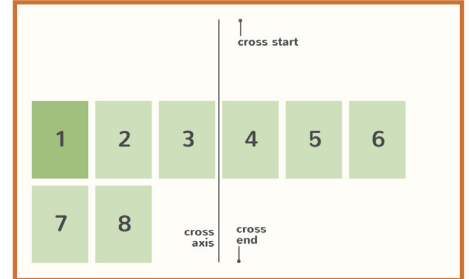`align-content: flex-start | flex-end | center | space-between | space-around | stretch`

Aligns a flex container's lines on the cross axis when there is extra space along the cross axis. It has no effect on a single line of flex items.
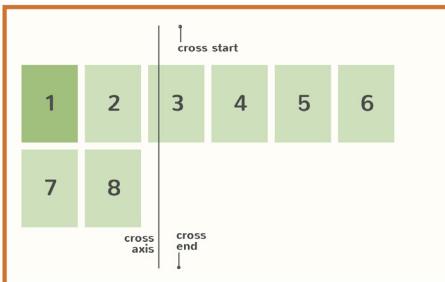
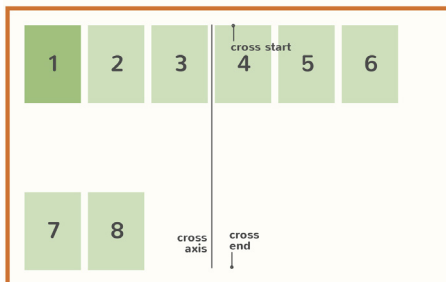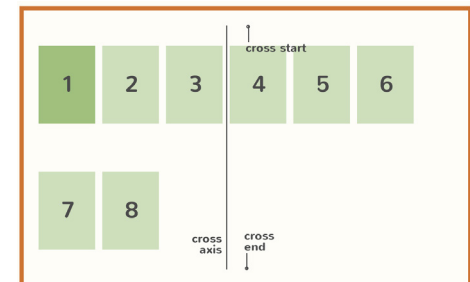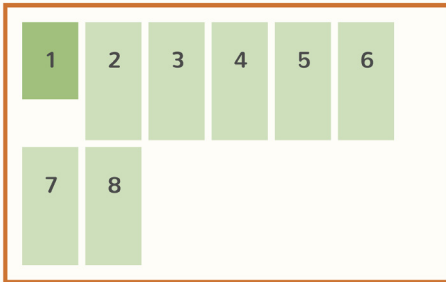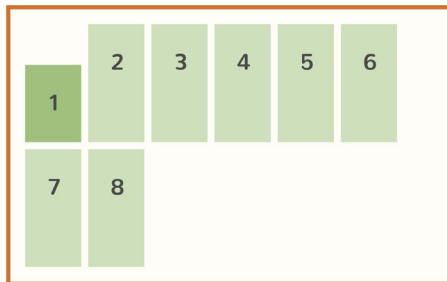|		
align-content: stretch	align-content: flex-start	align-content: flex-end
align-content: center	align-content: space-between	align-content: space-around

Flex Item Properties

Align Self `align-self: auto | flex-start | flex-end | center | baseline | stretch`
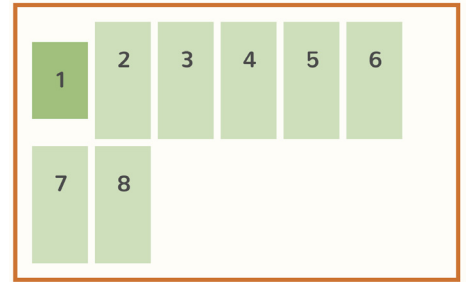
Overrides align-items value. Ignored if flex item's cross-axis margin is set to auto.

`align-self: flex-start`

`align-self: flex-end`

`align-self: center`

Order `order: <integer>`

Specifies order items should appear within the flex container. Laid out in ascending order. Elements with the same order appear in the order of the source code.