CSS Flexbox

a guide from

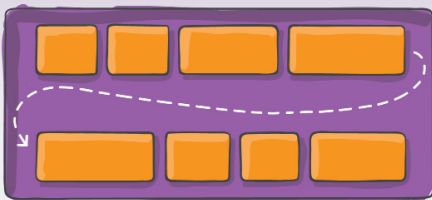**✳ CSS-TRICKS**

□ container

■ items

```
.container {
  display: flex; /* or inline-flex */
}
```

flex-direction

```
.container {
  flex-direction: row | row-reverse |
  column | column-reverse;
}
```

flex-wrap

```
.container {
  flex-wrap: nowrap | wrap | wrap-reverse;
}
```

justify-content

flex-start

flex-end

center

space-between

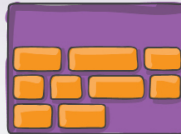space-around

space-evenly

```
.container {
  justify-content: flex-start | flex-end |
  center | space-between | space-around |
  space-evenly;
}
```

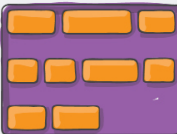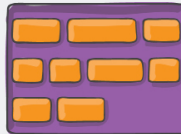## align-content

flex-start

flex-end

center

stretch

space-between

space-around

```
.container {
  align-content: flex-start | flex-end |
  center | space-between | space-around |
  space-evenly | stretch;
}
```
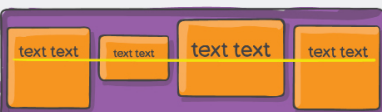
align-items

flex-start
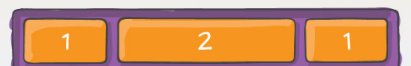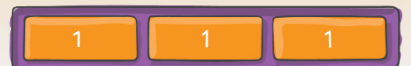
flex-end

center

stretch

baseline

text text   text text   text text   text text

```
.container {
  align-items: stretch | flex-start |
  flex-end | center | baseline;
}
```

order

| 1 | 1 | 1 | 2 | 3 |

| -1 | 1 | 2 | 5 |

| 2 |
| 2 |
| 99 |

```
.item {
  order: 5; /* default is 0 */
}
```

flex-shrink, flex-grow, flex-basis
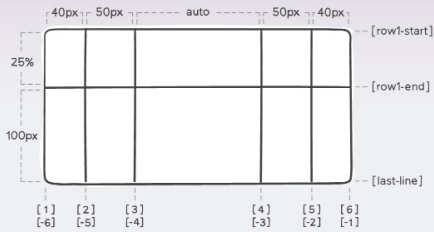
| 1 | 1 | 1 |

| 1 | 2 | 1 |

| 50px | 1 | 1 |

```
.item {
  flex-shrink: 1; /* default is 1 */
  flex-grow: 2; /* default is 0 */
  flex-basis: 50px; /* default auto */
}
```

align-self

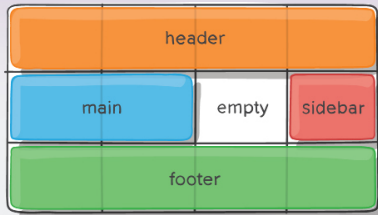stretch   flex-start
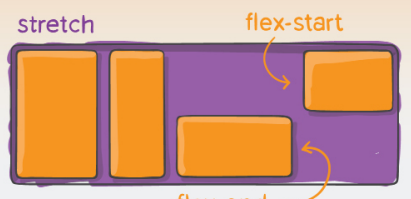
flex-end

```
.item {
  align-self: auto | flex-start |
  flex-end | center | baseline | stretch;
}
```

CSS Grid

a guide from

✳ CSS-TRICKS

grid-template-columns / grid-template-rows


```
.container {
    grid-template-columns: <value> | <name>;
    grid-template-rows: <value> | <name>;
}
```

```
.container {
    display: grid; /* or inline-grid */
}
```

grid-template-areas

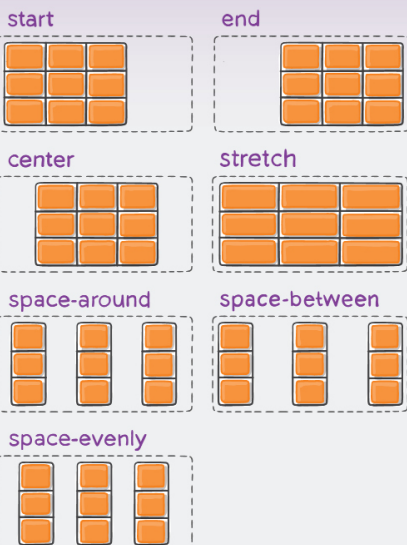
```
.container {
    grid-template-areas: "<name>" | . | none";
}
```

column-gap, row-gap, gap
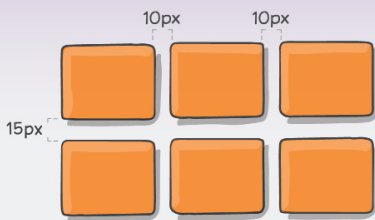

```
.container {
    column-gap: <value>;
    row-gap: <value>;
    gap: <row-gap> <column-gap>;
}
```
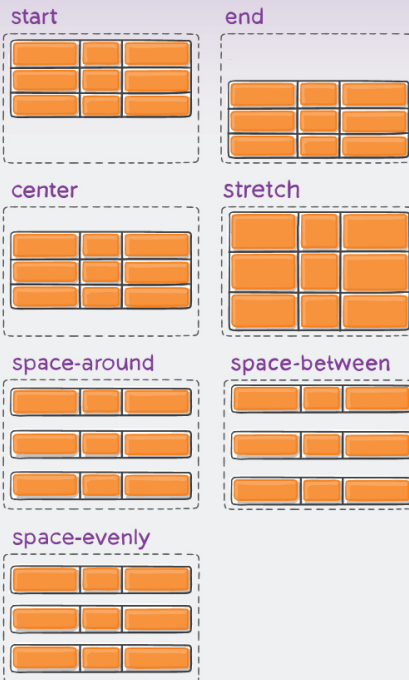
align-content

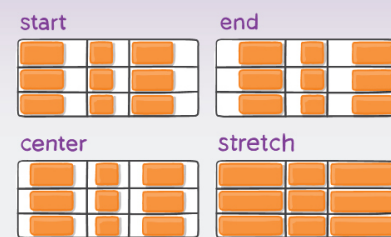**start** **end** **center** **stretch** **space-around** **space-between** **space-evenly**


```
.container {
    align-content: start | end | center |
    stretch | space-around | space-between |
    space-evenly;
}
```

grid-column, grid-row


```
.item {
    grid-column: <start-line> / <end-line> |
    <start-line> / span <value>;
    grid-row: <start-line> / <end-line> |
    <start-line> / span <value>;
}
```

grid-area


```
.item {
    grid-area: <row-start> / <column-start>
    / <row-end> / <column-end> | <name>;
}
```

justify-content

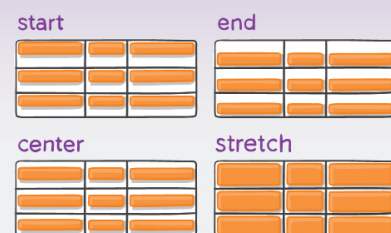**start** **end** **center** **stretch** **space-around** **space-between** **space-evenly**


```
.container {
    justify-content: start | end | center |
    stretch | space-around | space-between |
    space-evenly;
}
```
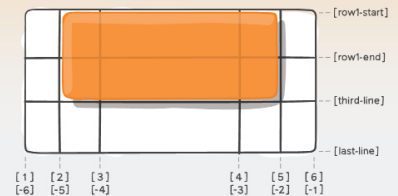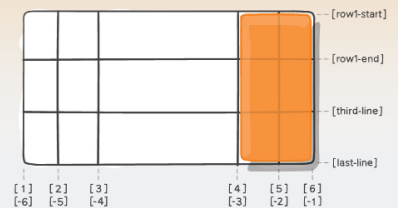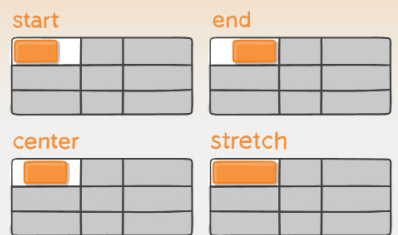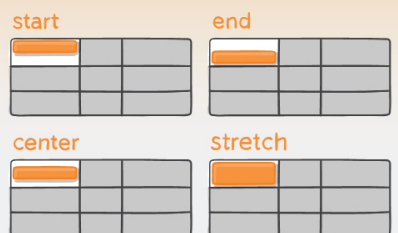
justify-items

start **end** **center** **stretch**


```
.container {
    justify-items: start | end |
    center | stretch;
}
```

justify-self

start **end** **center** **stretch**


```
.item {
    justify-self: start | end | center |
    stretch;
}
```

align-items

start **end** **center** **stretch**


```
.container {
    align-items: start | end |
    center | stretch;
}
```

align-self

start **end** **center** **stretch**


```
.item {
    align-self: start | end | center |
    stretch;
}
```