# CSS Grid

a guide from

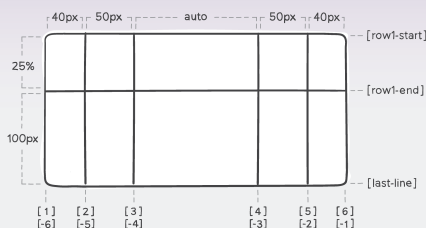**✳ CSS-TRICKS**
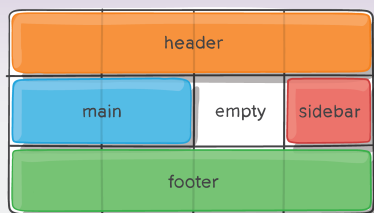
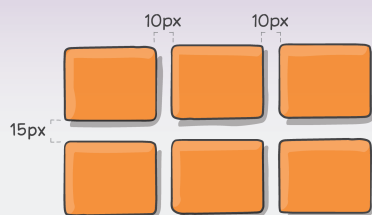## grid-template-columns / grid-template-rows



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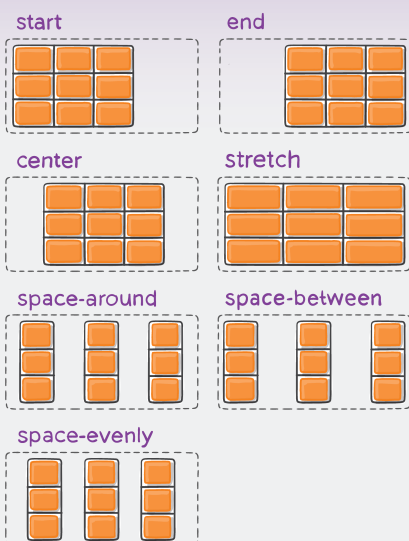
## grid-template-areas



header
main | empty | sidebar
footer

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

## column-gap, row-gap, gap



10px   10px
15px

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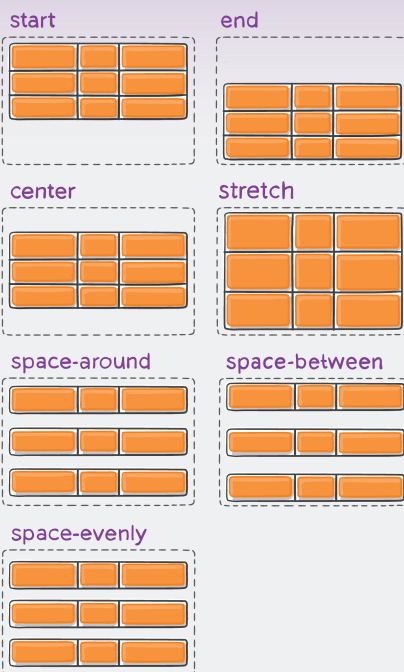
## justify-content

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

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

## align-content

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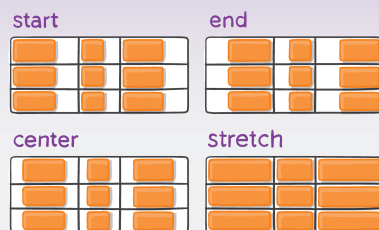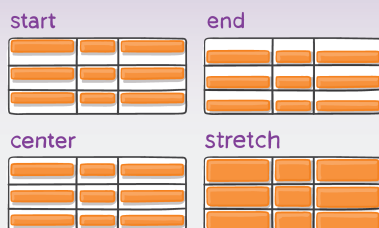
```
.container {
  align-content: start | end | center |
  stretch | space-around | space-between |
  space-evenly;
}
```
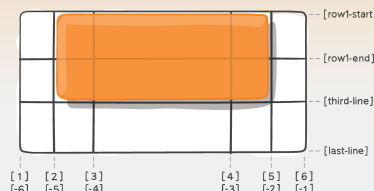
## justify-items

start    end
center   stretch

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

## align-items

start    end
center   stretch

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

```
.container {
  display: grid; /* or inline-grid */
}
```
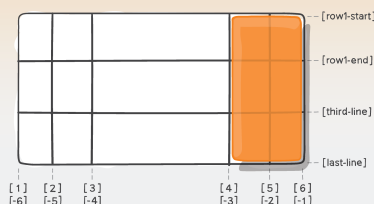
## grid-column, grid-row



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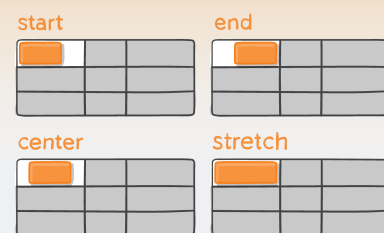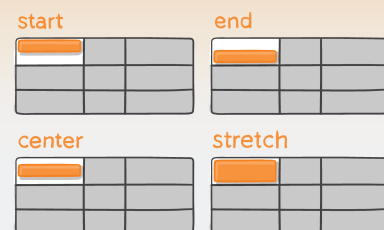
## grid-area



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

## justify-self

start    end
center   stretch

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

## align-self

start    end
center   stretch

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