

# THE CSS GRID ONE PAGE SHEET

## Grid (grid container)

**align-content** Aligns grid content along the column axis.

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

**align-items** Aligns content inside the grid along the column axis.

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

**display** Defines the grid container.

```
.grid {  
  display: grid | inline-grid | subgrid;  
}
```

**grid-auto-columns** Defines the size of implicit grid columns.

```
.grid {  
  grid-auto-columns: <track-size>;  
}
```

**grid-auto-flow** Determines if a new grid item will be an implicit row or column

```
.grid {  
  grid-auto-flow: row | column | row dense | column dense | dense;  
}
```

**grid-auto-rows** Defines the size of implicit grid rows.

```
.grid {  
  grid-auto-rows: <track-size>;  
}
```

**grid-gap** Shorthand for the space between tracks, i.e. grid-row-gap and grid-column-gap.

```
.grid {  
  grid-gap: <grid-row-gap size> <grid-column-gap size>;  
}
```

**grid-template-columns** Defines the grid columns

```
.grid {  
  grid-template-columns: < track-size > <track--size> . . .etc | auto;  
}
```

**grid-template-rows** Defines the grid rows

```
.grid {  
  grid-template-rows: < track-size > <track--size> . . .etc | auto;  
}
```

**justify-content** Aligns grid content along the row axis.

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

**justify-items** Aligns content inside grid items along the row axis.

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

## Item (grid item)

**align-self** Aligns content inside a single grid item along the column axis.

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

**grid-column** Shorthand for defining starting and ending column grid lines for a grid-item

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

**grid-row** Shorthand for defining starting and ending row grid lines for a grid-item

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

**justify-self** Aligns content inside a single grid item along the row axis.

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

### Key Functions

`repeat(number, <track-size>)` Defines repeating tracks.

`minmax(<min-size>, <max-size>)` Defines track size range.