GRID

container

display

Establishes a new grid formatting context for children.

 `display: grid;`

 `display: inline-grid;`

 `display: subgrid;`

grid-template

Defines the rows and columns of the grid.

 `grid-template-columns: 12px 12px 12px;`
`grid-template-rows: 12px 12px 12px;`

 `grid-template-columns: repeat(3, 12px);`
`grid-template-rows: repeat(3, auto);`

 `grid-template-columns: 8px auto 8px;`
`grid-template-rows: 8px auto 12px;`

 `grid-template-columns: 22% 22% auto;`
`grid-template-rows: 22% auto 22%;`

grid-gap

Specifies the size of column and row gutters.

 `grid-row-gap: 1px;`
`grid-column-gap: 9px;`

 `grid-gap: 1px 9px;`

 `grid-gap: 6px;`

justify-items

Aligns content in a grid item along the row axis.

 justify-items: start;

 justify-items: end;

 justify-items: center;

 justify-items: stretch; (default)

align-items
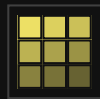
Aligns content in a grid item along the column axis.

 align-items: start;
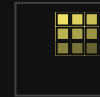
 align-items: end;

 align-items: center;

 align-items: stretch; (default)

justify-content

Justifies all grid content on row axis when total grid size is smaller than container.
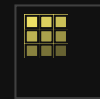
 justify-content: start;

 justify-content: end;

 justify-content: center;

 justify-content: stretch;

 justify-content: space-around;

 justify-content: space-between;

 justify-content: space-evenly;

align-content

Justifies all grid content on column axis when total grid size is smaller than container.

 align-content: start;

 align-content: end;

 align-content: center;

 align-content: stretch;

 align-content: space-around;

 align-content: space-between;

 align-content: space-evenly;

grid-auto-flow

Algorithm for automatically placing grid items that aren't explictly placed.

 grid-auto-flow: row;

 grid-auto-flow: column;

 grid-auto-flow: dense;

children

grid-column

Determines an items column-based location within the grid.


```
grid-column-start: 1;
grid-column-end: 3;
```



```
grid-column-start: span 3;
```



```
grid-column-start: 2;
grid-column-end: 4;
```



```
grid-column: 2 / 3
```



```
grid-column: 2 / span 2
```

grid-row

Determines an items row-based location within the grid.


```
grid-row-start: 1;
grid-row-end: 3;
```



```
grid-row-start: span 3;
```



```
grid-row-start: 2;
grid-row-end: 4;
```
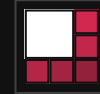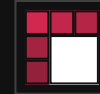


```
grid-row: 1 / 3;
```



```
grid-row: 1 / span 3;
```

grid-row + grid-column

Combining grid rows with grid columns.


```
grid-row: 1 / span 2;
grid-column: 1 / span 2;
```



```
grid-row: 2 / span 2;
grid-column: 2 / span 2;
```

justify-self

Aligns content for a specific grid item along the row axis.

 justify-self: start;

 justify-self: end;

 justify-self: center;

 justify-self: stretch; (default)

align-self

Aligns content for a specific grid item along the column axis.

 align-self: start;

 align-self: end;

 align-self: center;

 align-self: stretch; (default)

GRID was created by Malven Co. an interactive design + development shop.

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