



# 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 explicitly 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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