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%;

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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)

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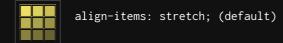
align-items

Aligns content in a grid item along the column axis

```
align-items: start;

align-items: end;

align-items: center;
```



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: space-around;

justify-content: space-between;

justify-content: space-evenly;

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align-content

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



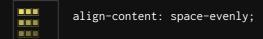


```
align-content: center;
```

```
align-content: stretch;
```

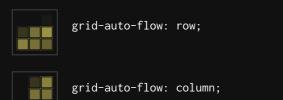
	align-content:	space-around;





grid-auto-flow

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





children

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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-end: 4;
```

grid-row

Determines an items row-based location within the $\ensuremath{\mbox{grid}}.$

grid-column: 2 / span 2

```
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;
```

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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)

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GRID was created by $\underline{\mbox{Malven Co.}}$ an interactive design + development shop.

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