



# 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)