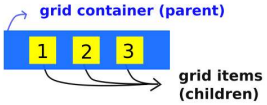
Grid Cheat Sheet

@simonpaix

tip: default values are in bold



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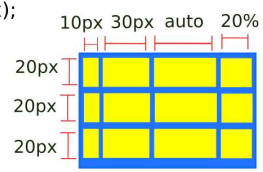
Parent properties

display: enables grid context for all direct children.

```
.container{ display: grid; } // or inline-grid
```

grid-template: defines the rows and columns of the grid. Set track size values and line-names(optional).

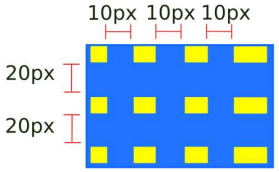
```
grid-template-columns: 10px 30px auto 20%;
grid-template-rows: repeat(3, 20px);
```



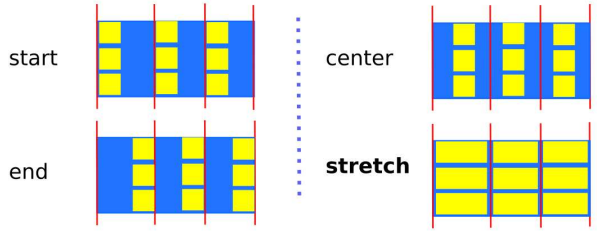

```
grid-template-areas:
"A A A A
 B B B C "
```

grid-gap: sets the size of the grid lines, the gutters between columns and between rows.

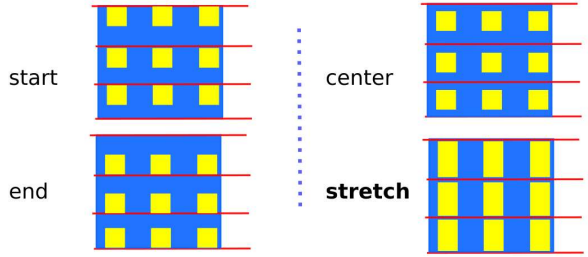
```
column-gap: 10px;
row-gap: 20px;
```



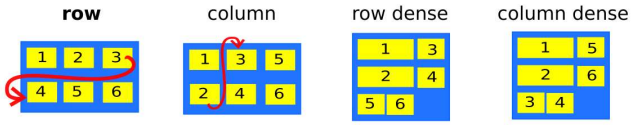
justify-items: defines alignment along the row axis.



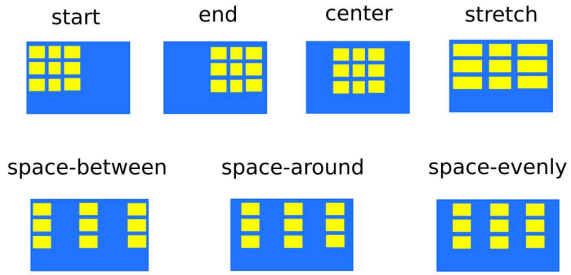
align-items: defines alignment along the column axis.



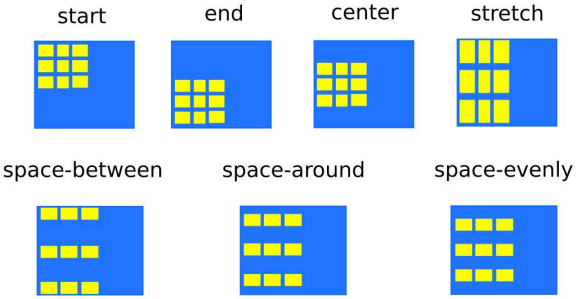
grid-auto-flow: defines how to automatically place grid items that aren't explicitly placed.



justify-content: justifies all grid content on row axis if total grid size is smaller than container.



align-content: justifies all grid content on column axis if total grid size is smaller than container.



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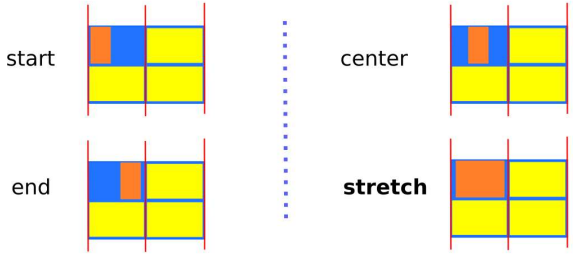
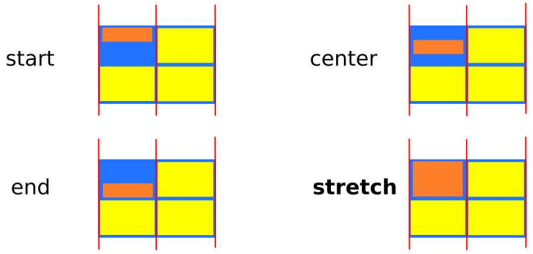
Children properties

justify-self: aligns an item inside a single cell along the row axis.

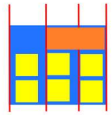


align-self: aligns an item inside a single cell along the column axis.



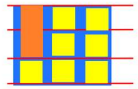
grid-column: determines the item's location based on a start and an end column lines (or a span).

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



grid-row: same but for the row location.

```
grid-row-start: 1;
grid-row-end: 3;
// or grid-row: 1 / span 2
```



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