

PART - 5

CSS GRID

(GRID CONTAINER PROPERTIES)



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CSS Grid

The CSS Grid offers a grid-based layout system, with rows and columns, making it easier to design web pages

For simplicity, I have divided the topic into three parts:

1. Grid Terminologies
2. Grid Containers (parents)
3. Grid Items (children)

In PART-1 of this Grid SERIES I have discussed about flexbox terminologies, in PART 2, PART 3 and PART 4 I have discussed about last few Grid Container properties and in this part we will be discussing about rest of them.

CSS Grid

Following are the grid container properties.

1. grid
2. gap
3. justify items
4. align items
5. place items
6. justify content
7. align content
8. place content

First four properties have already been discussed in the previous part of the GRID series. We will cover rest of the properties in this part !!

CSS Grid

5. Place-items:

It sets both the align-items and justify-items properties in a single declaration.

```
place-items: <align-items> / <justify-items>
```

CSS Grid

6. Justify content:

It aligns the whole grid along the inline (row) axis.

`justify-content: start | end | center | stretch | space-around | space-between | space-evenly;`

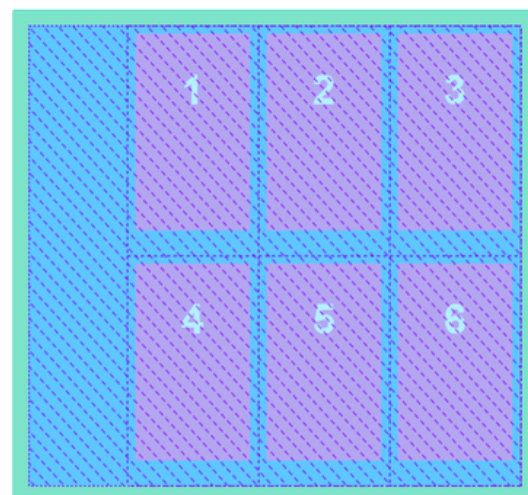
CSS Grid Guide



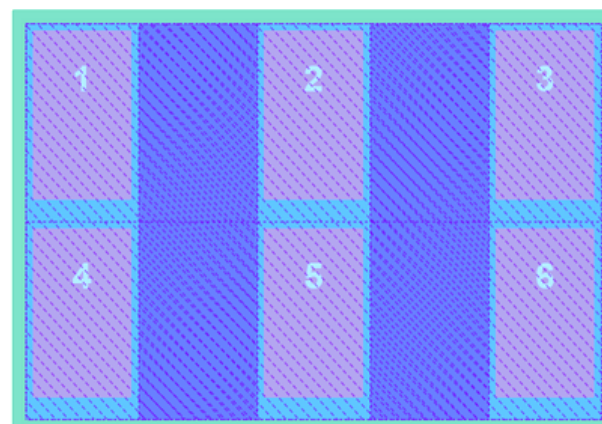
Grid Container Properties

OUTPUT

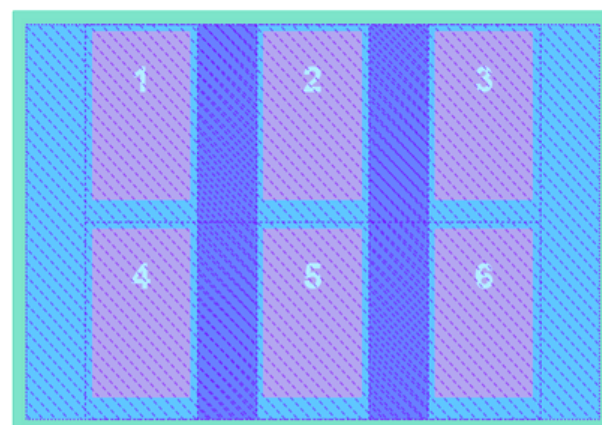
```
.grid-container {
  display: grid ;
  grid-template-columns: auto auto auto;
  grid-template-rows: auto auto ;
  justify-content: end ;
}
```



```
.grid-container {
  display: grid ;
  grid-template-columns: auto auto auto;
  grid-template-rows: auto auto ;
  justify-content: space-between ;
}
```



```
.grid-container {
  display: grid ;
  grid-template-columns: auto auto auto;
  grid-template-rows: auto auto ;
  justify-content: space-evenly;
}
```



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CSS Grid

7. Align content:

It aligns the whole grid along the block (column) axis.

`align-content: start | end | center | stretch | space-around | space-between | space-evenly;`

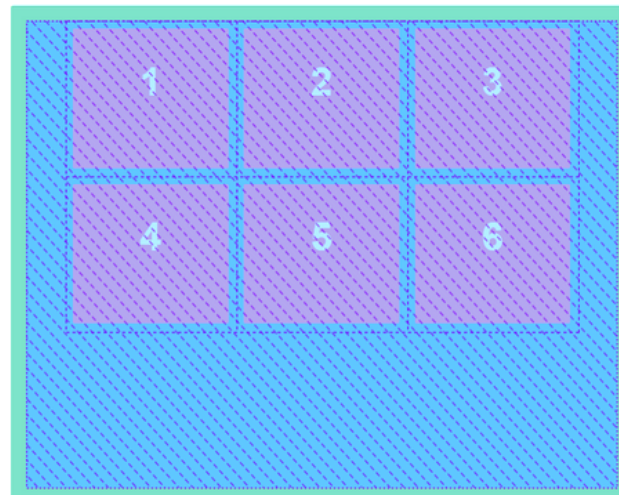
CSS Grid Guide



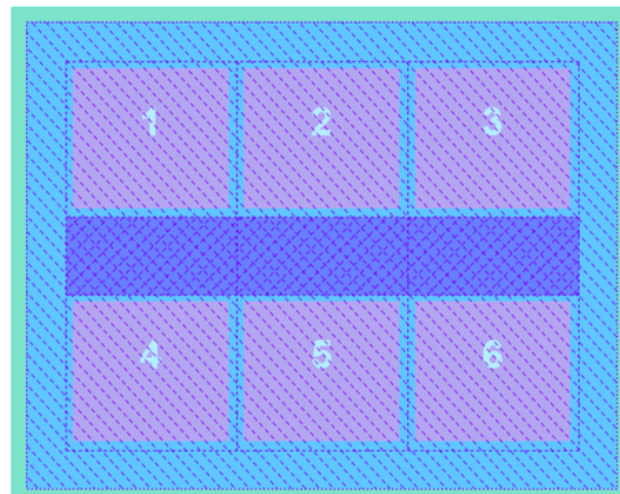
Grid Container Properties

OUTPUT

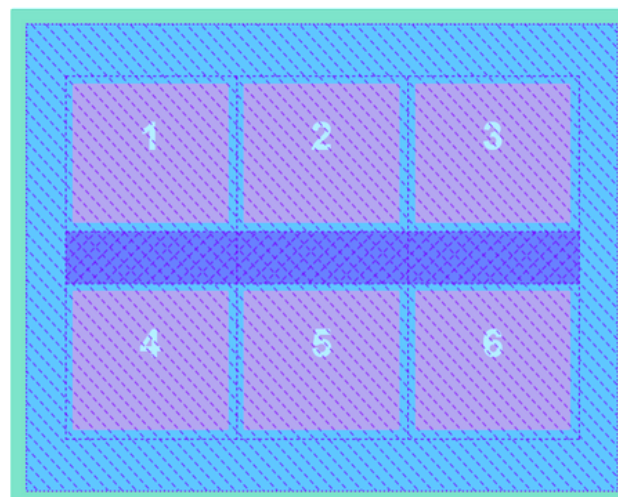
```
.grid-container {
  display: grid ;
  grid-template-columns: auto auto auto;
  grid-template-rows: auto auto ;
  align-content: start;
}
```



```
.grid-container {
  display: grid ;
  grid-template-columns: auto auto auto;
  grid-template-rows: auto auto ;
  align-content: space-around;
}
```



```
.grid-container {
  display: grid ;
  grid-template-columns: auto auto auto;
  grid-template-rows: auto auto ;
  align-content: space-evenly;
}
```



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CSS Grid

8. Place content:

It sets both the align-content and justify-content properties in a single declaration.

`place-content: <align-content> / <justify-content>`

CSS Grid

Thanks for reading till the end!

Till now we have covered all the GRID container properties.

In next part I will be discussing about GRID item properties.

Stay tuned !!!



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