

PART - 4

CSS GRID

(GRID CONTAINER PROPERTIES)



Follow @PriteshKiri

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 and PART 3 I have discussed about few of the 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

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

CSS Grid

2. Gap:

In simple words, they can be imagined as the thickness of grid lines:

It is shorthand for row-gap and column-gap:

```
gap: row-gap column-gap;
```

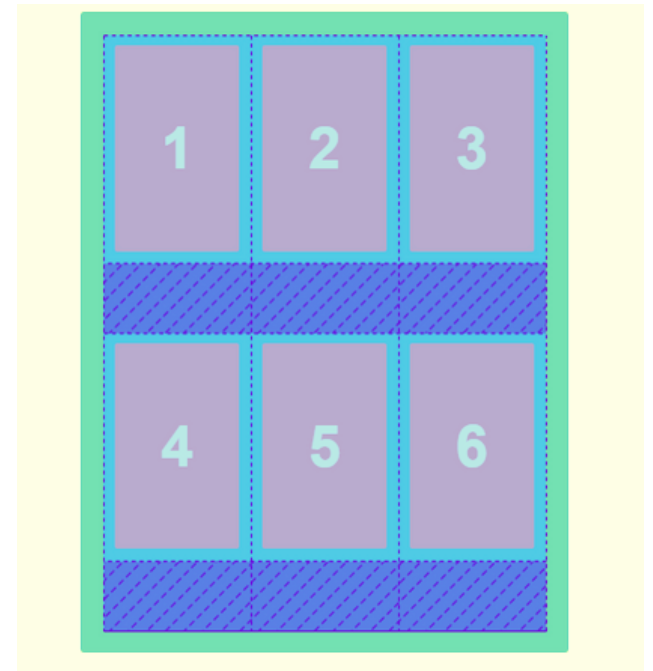
CSS Grid Guide



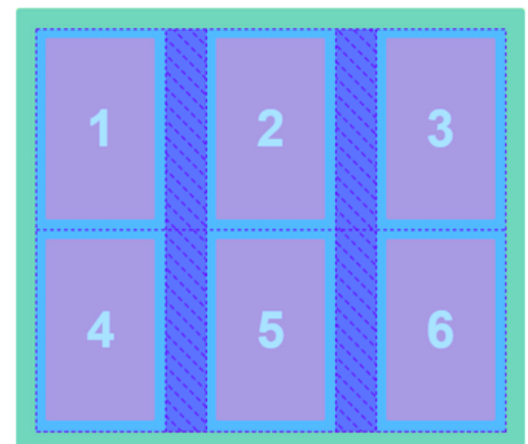
Grid Container Properties

OUTPUT

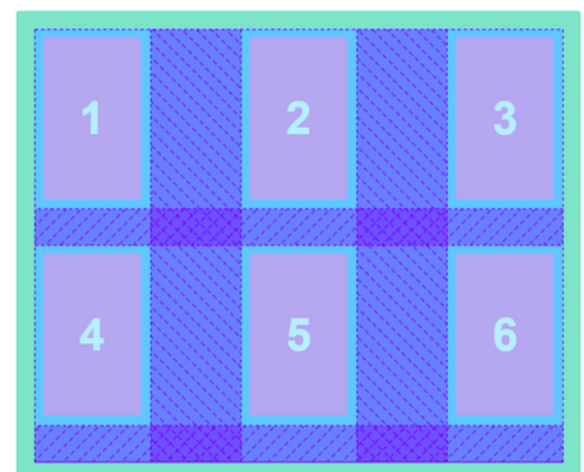
```
.grid-container {
  display: grid ;
  grid-template-columns: auto auto auto;
  grid-template-rows: auto auto ;
  row-gap: 30px
}
```



```
.grid-container {
  display: grid ;
  grid-template-columns: auto auto auto;
  grid-template-rows: auto auto;
  column-gap: 20px
}
```



```
.grid-container {
  display: grid ;
  grid-template-columns: auto auto auto;
  grid-template-rows: auto auto ;
  gap: 20px 50px
}
```



CSS Grid

3. Justify items:

Aligns the items along the inline (row) axis.

`justify-items: start | end | center | stretch;`

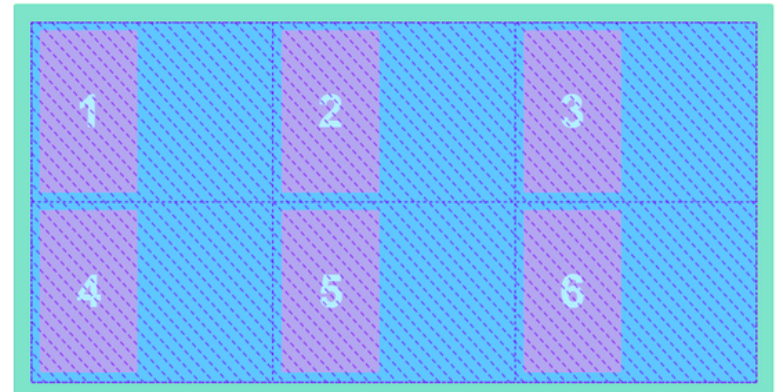
CSS Grid Guide



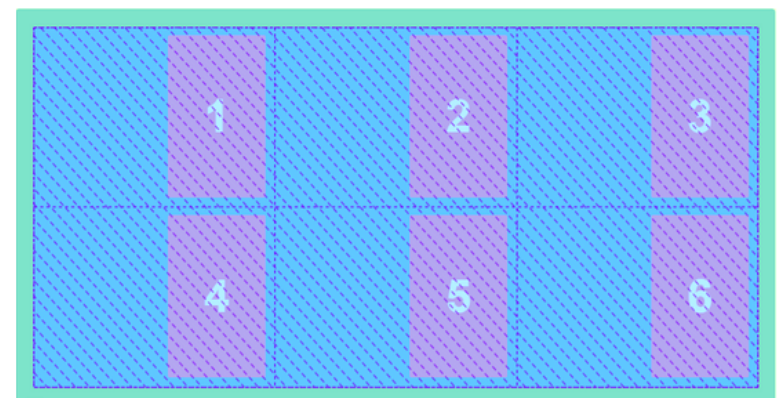
Grid Container Properties

OUTPUT

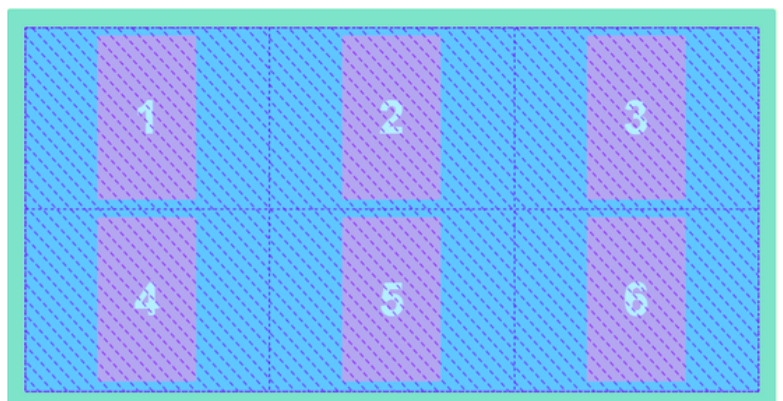
```
.grid-container {
  display: grid ;
  grid-template-columns: auto auto auto;
  grid-template-rows: auto auto ;
  justify-items: start
}
```



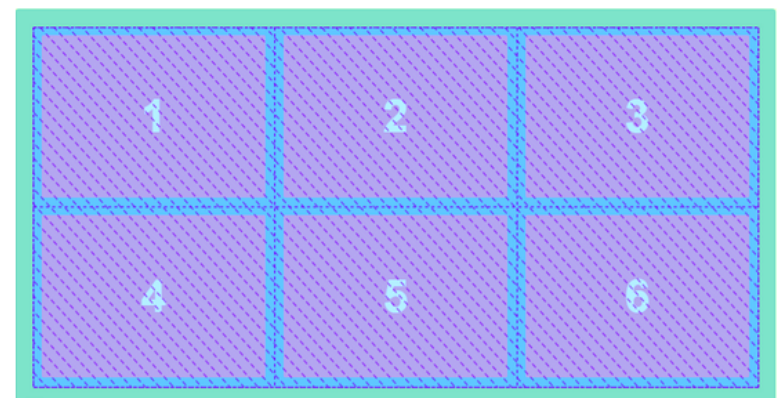
```
.grid-container {
  display: grid ;
  grid-template-columns: auto auto auto;
  grid-template-rows: auto auto ;
  justify-items: end ;
}
```



```
.grid-container {
  display: grid ;
  grid-template-columns: auto auto auto;
  grid-template-rows: auto auto ;
  justify-items: center
}
```



```
.grid-container {
  display: grid ;
  grid-template-columns: auto auto auto;
  grid-template-rows: auto auto ;
  justify-items: stretch
}
```



CSS Grid

4. Align items:

Aligns the items along the block (column) axis.

`align-items: start | end | center | stretch;`

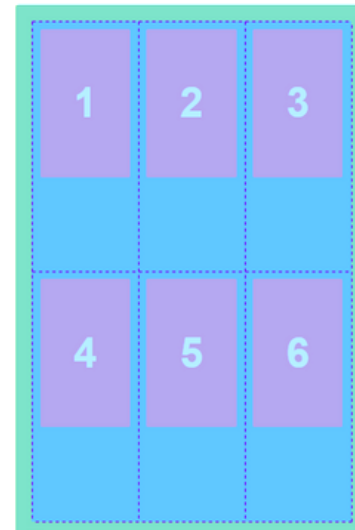
CSS Grid Guide



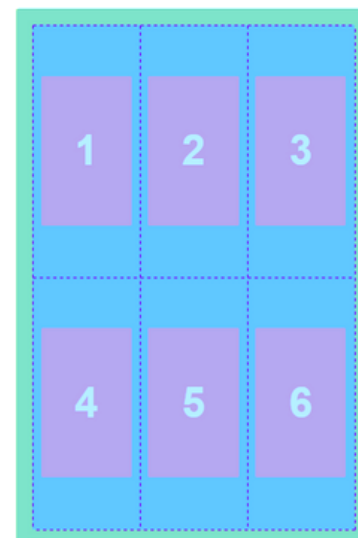
Grid Container Properties

OUTPUT

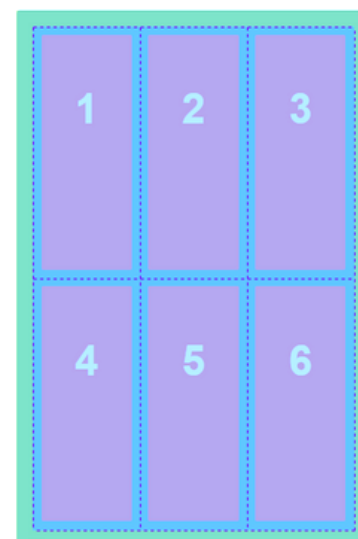
```
.grid-container {  
  display: grid ;  
  grid-template-columns: auto auto auto;  
  grid-template-rows: auto auto;  
  align-items: start ;  
}
```



```
.grid-container {  
  display: grid ;  
  grid-template-columns: auto auto auto;  
  grid-template-rows: auto auto;  
  align-items: center ;  
}
```



```
.grid-container {  
  display: grid ;  
  grid-template-columns: auto auto auto;  
  grid-template-rows: auto auto;  
  align-items: stretch ;  
}
```





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