

PART - 2

CSS GRID

(GRID CONTAINER PROPERTIES)



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CSS Grid

As I said, the grid is complicated and has lots of properties to learn about.

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

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 and in this part we will be discussing about Grid Container properties.

CSS Grid

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CSS Grid

▶ grid:

It is a shorthand property for the following:

- ① grid-template-rows
- ② grid-template-columns
- ③ grid-template-areas
- ④ grid-auto-rows
- ⑤ grid-auto-columns
- ⑥ grid-auto-flow

CSS Grid

① grid-template-rows:

This property specifies the number of rows and their height in a grid layout.

② grid-template-column:

This property specifies the number of columns and their width in a grid layout.

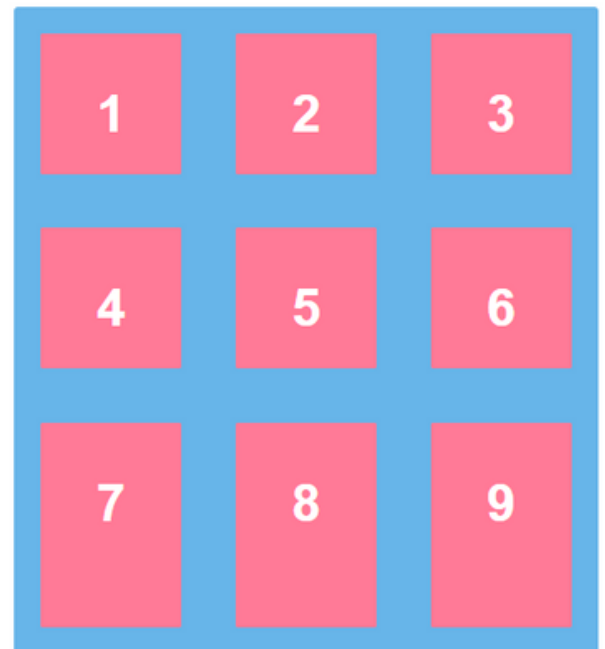
CSS Grid Guide



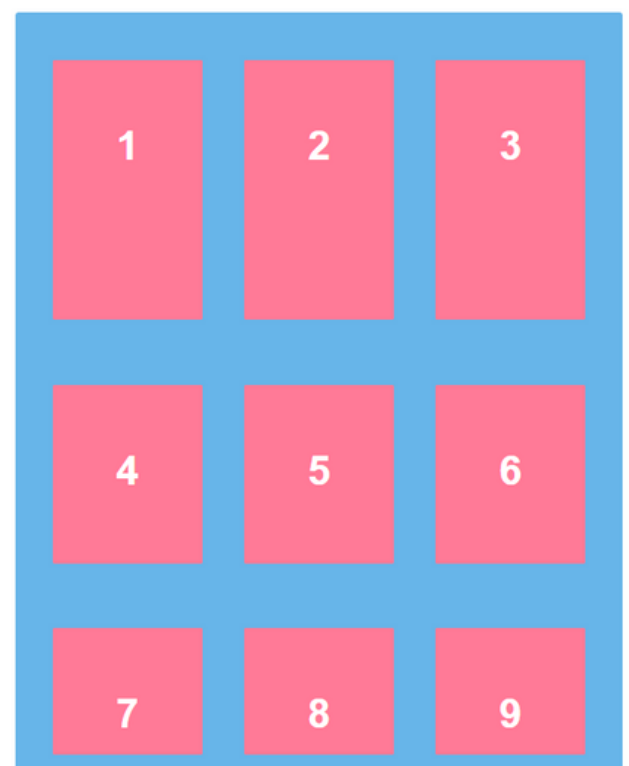
Grid Container Properties

OUTPUT

```
.grid-container {  
  display: grid;  
  grid-template-columns: auto auto auto;  
  grid-template-rows: 30% 30% 40%;  
}
```



```
.grid-container {  
  display: grid;  
  grid: 100px 150px 100px / auto auto auto;  
}
```



CSS Grid

③ `grid-template-areas`:

This property specifies areas within the grid layout.

CSS Grid Guide



Grid Container Properties

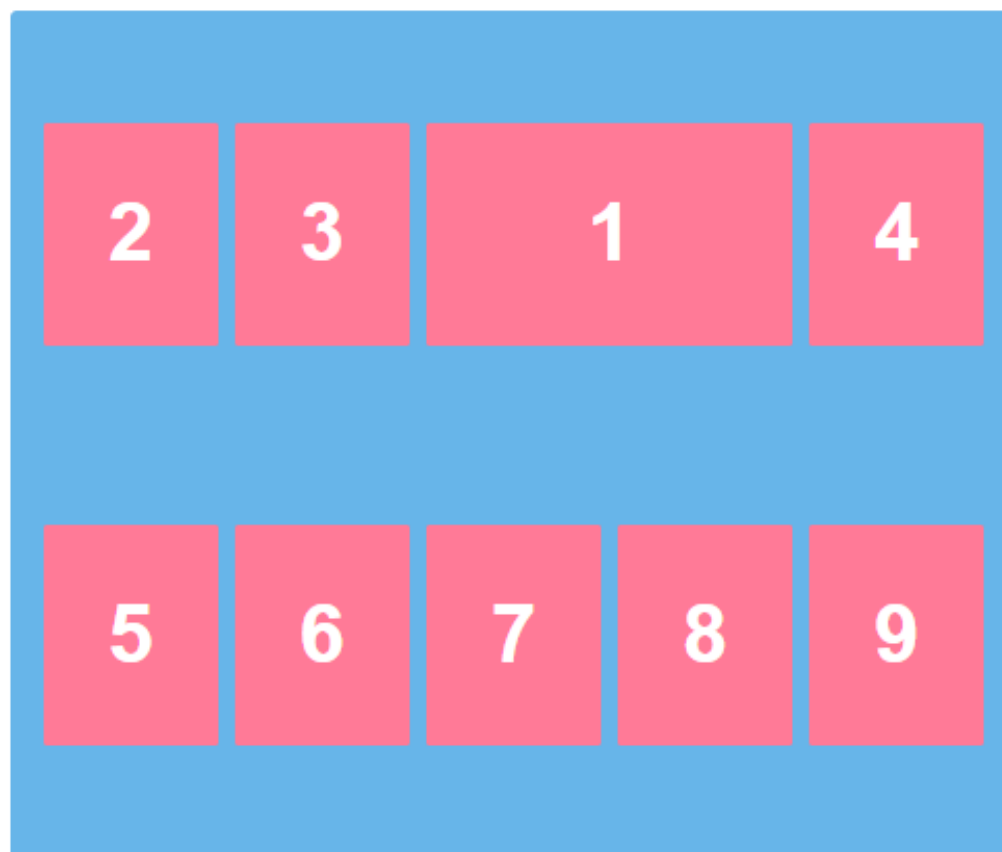
OUTPUT

<!-- CSS -->

<!-- HTML -->

```
.flex-container {  
  display: grid;  
  grid-template-areas: ". . coffee coffee .";  
}  
  
.gitem {  
  grid-area: coffee;  
}
```

```
<div class="grid-container">  
  <h3 class="gitem">1</h3>  
  <h3>2</h3>  
  <h3>3</h3>  
  <h3>4</h3>  
  <h3>5</h3>  
  <h3>6</h3>  
  <h3>7</h3>  
  <h3>8</h3>  
  <h3>9</h3>  
</div>
```





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