

31 Jan 23

Grid

① what is grid?

→ The CSS grid layout module is used to create a grid based layout system, with the help of rows and columns it make it easier to design ~~any~~ any webpage without using floats and positioning.

Syntax :

```
.class {  
    display : grid;  
}
```

grid property.

- grid-template-rows : Specifies the size of the rows
- grid-template-columns : This specifies the size of the columns
- grid-template-areas : This specifies the size of the columns -
- grid-auto-rows : This specifies the auto size of the rows.

→ grid-auto-columns:- This specifies the auto size of the columns.

→ grid-auto-flow:- This specifies how to place auto-placed items, and the auto size of the rows.

② What is the difference between Flex and Grid?

Property	Grid	Flex box
Dimension Features	Two-Dimensional can flex combination of items through space-occupying features	One-Dimensional can push content element to extreme alignment
Support	Layout first	Content First.

③ How can you define rows and columns for your grid?

→ grid-template-columns

→ The grid-template-columns property defines the number of columns in your grid layout, and it can define the width of each column.

→ The value is a space-separated list, where each value defines the width of the respective column.

→ grid-template-rows

The grid-template-rows property defines the height of each row. It is used to define the number of rows and their size in a grid container.