

CSS-FLEX-GRID

ANECO ACADEMY

Flex box and grid

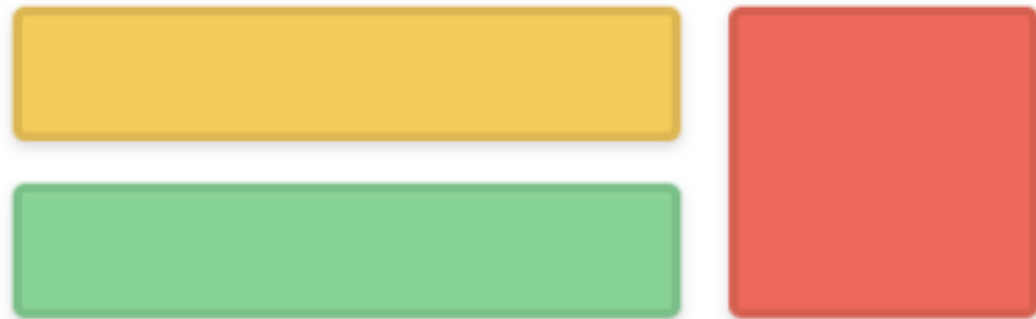
Flexbox

One-dimensional layout



Grid

Multi-dimensional layout



Grid layout 1

```
4 <style>
5 .item1 { grid-area: header; }
6 .item2 { grid-area: menu; }
7 .item3 { grid-area: footer; }
8
9 .grid-container {
10   display: grid;
11   grid-template-areas:
12     'menu header header'
13     'footer footer footer';
14   gap: 10px;
15   padding: 10px;
16 }
17
18 .item1{
19   width: 100%;
20   height:100px;
21   background-color: red;
22 }
23
24 .item2{
25   width: 100%;
26   height:40px;
27   background-color: green;
28 }
29
30 .item3{
31   width: 100%;
32   height:100px;
33   background-color: yellow;
34 }
35
36 </style>
37 </head>
38 <body>
39 <div class="grid-container">
40   <div class="item1">Header</div>
41   <div class="item2">Menu</div>
42   <div class="item3">Footer</div>
43 </div>
44
```

Output

Menu



Header



footer



Grid Layout 2

```
.header{grid-area: header;}
.leftbar{grid-area: leftbar;}
.mainbar{grid-area: mainbar;}
.footer{grid-area: footer;}

.container{
  display: grid;
  gap:20px;
  grid-template-areas: 'header header header header'
    'leftbar leftbar mainbar mainbar'
    'footer footer footer footer';
}

.header{
  background-color: grey;
  width: 100%;
  height: 100px;
}

.leftbar{
  width: 100%;
  height: 300px;
  background-color: blue;
}

.mainbar{
  width: 100%;
  height:100px;
  background-color: gold;
}

.footer{
  width: 100%;
  height:200px;
  background-color: violet;
}

</style>
</head>
<body>
  <div class="container">
    <div class="header"></div>
    <div class="leftbar"></div>
    <div class="mainbar"></div>
    <div class="footer"></div>
```

Output



Flex+Grid

