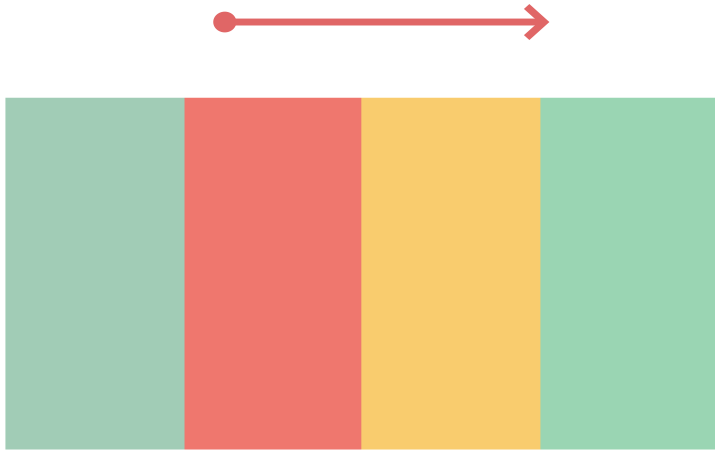


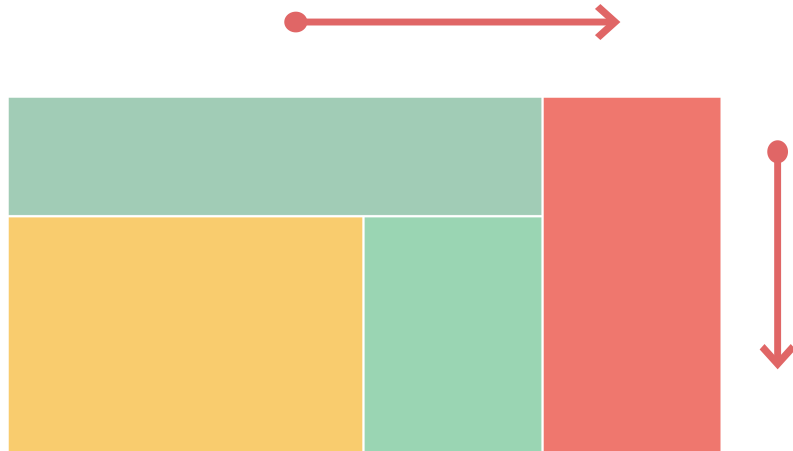
## 3.4 Grid 布局 (上)



# Grid 布局?



Flex Box



Grid

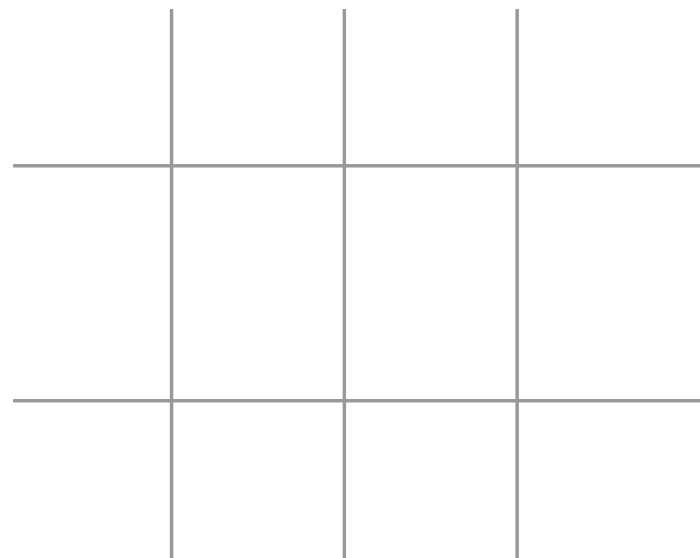
display: grid

# display: grid

- display: grid 使元素生成一个块级的 Grid 容器

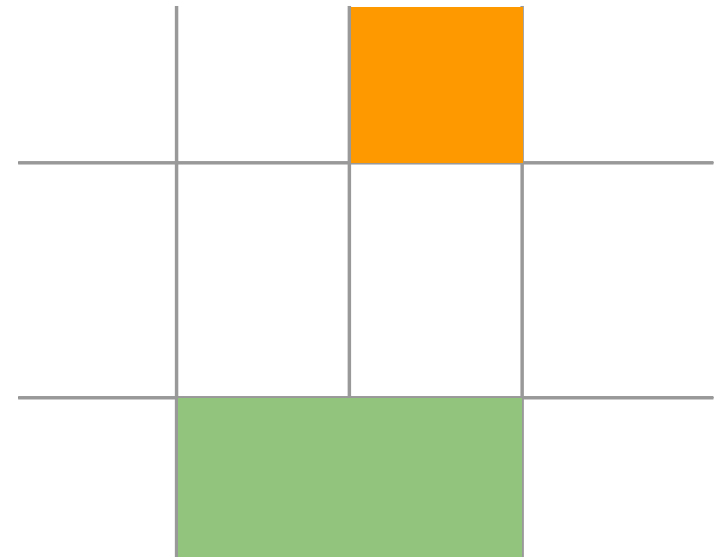
# display: grid

- display: grid 使元素生成一个块级的 Grid 容器
- 使用 grid-template 相关属性将容器划分为网格



# display: grid

- display: grid 使元素生成一个块级的 Grid 容器
- 使用 grid-template 相关属性将容器划分为网格
- 设置每一个子项占哪些行/列

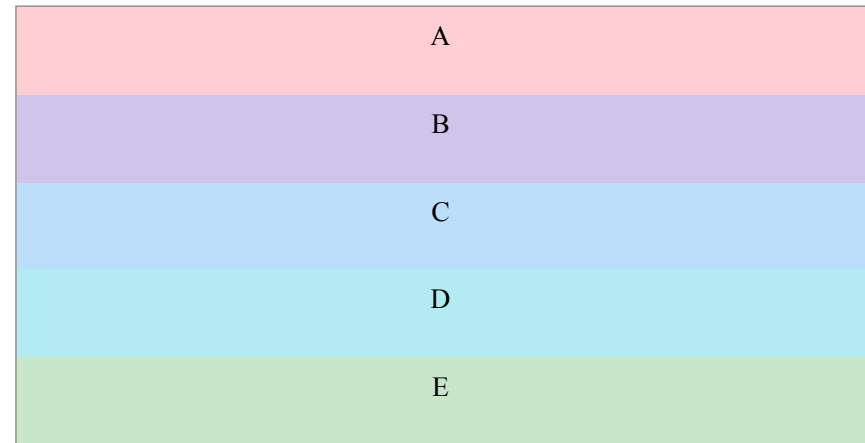


# 划分网格

```
grid-template-columns: 100px 100px 200px;  
grid-template-rows: 100px 100px
```

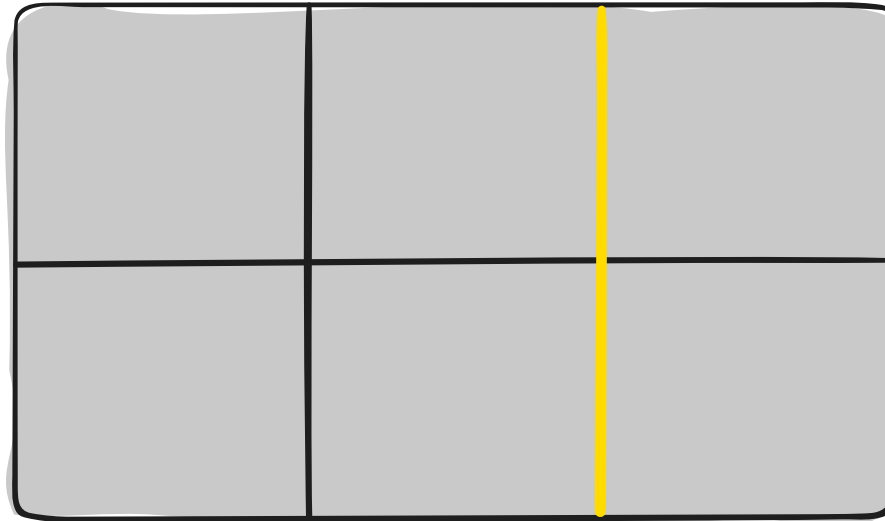
```
grid-template-columns: 30% 30% auto;  
grid-template-rows: 100px auto
```

```
grid-template-columns: 100px 1fr 1fr;  
grid-template-rows: 100px 1fr
```



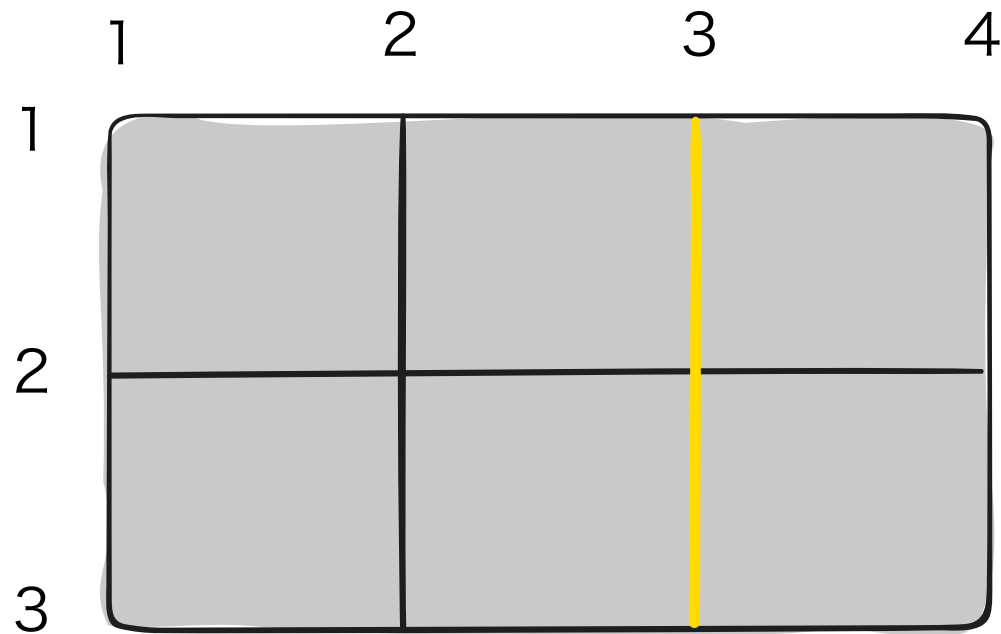
<https://s.codepen.io/webzhao/debug/PxrYzQ/jVkpoynXWweA>

# Grid line 网格线

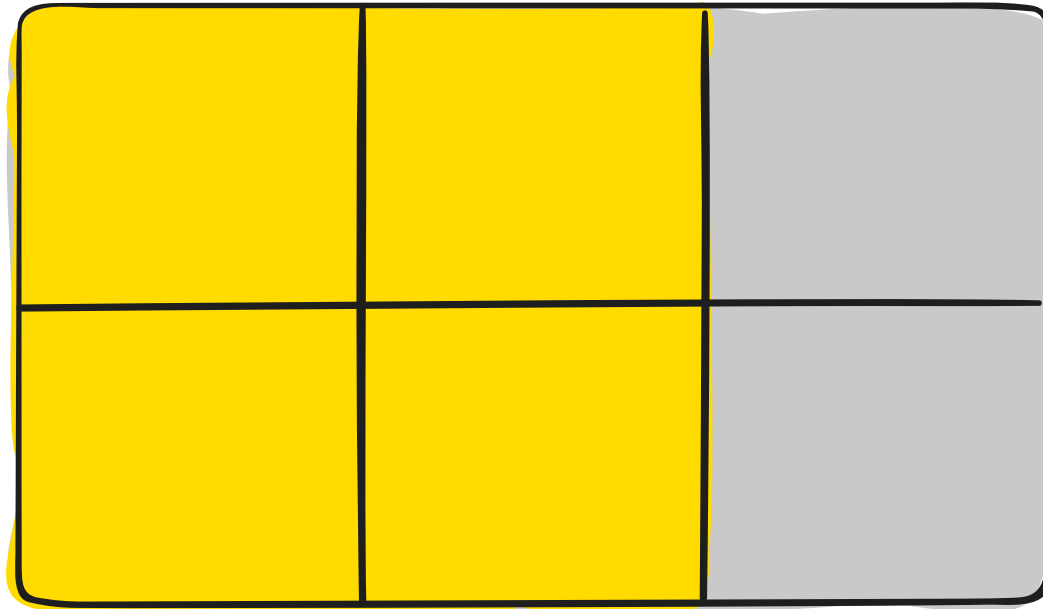




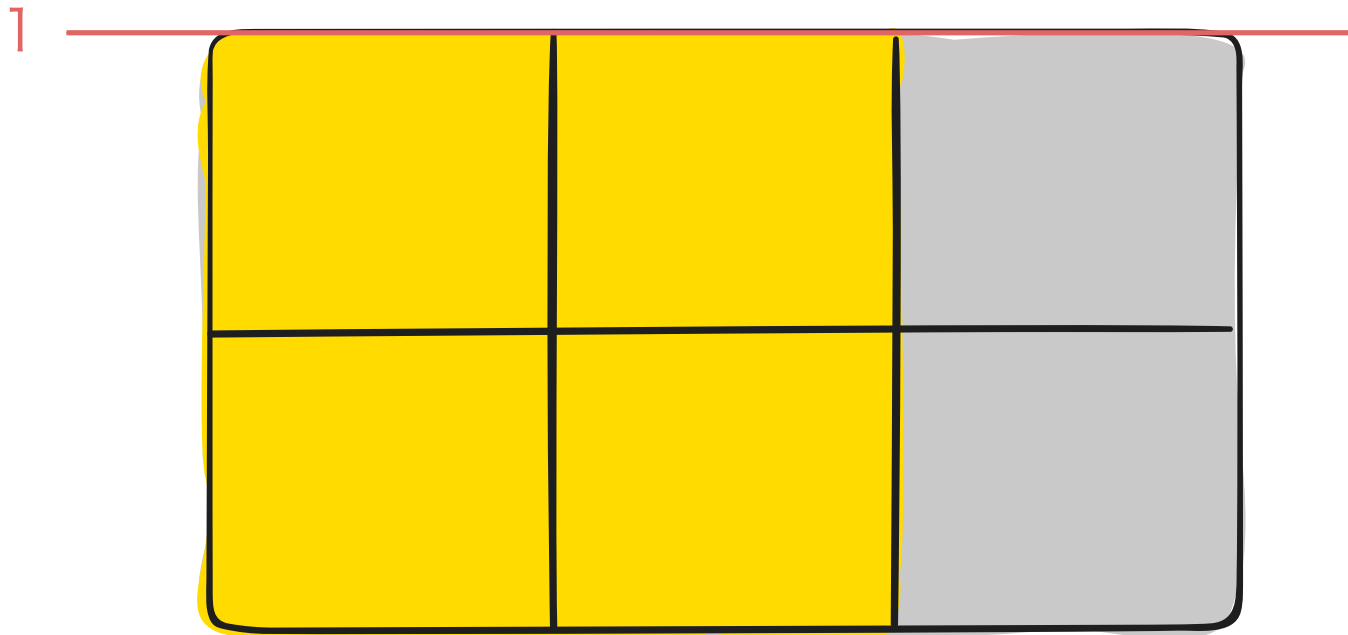
# Grid line 网格线



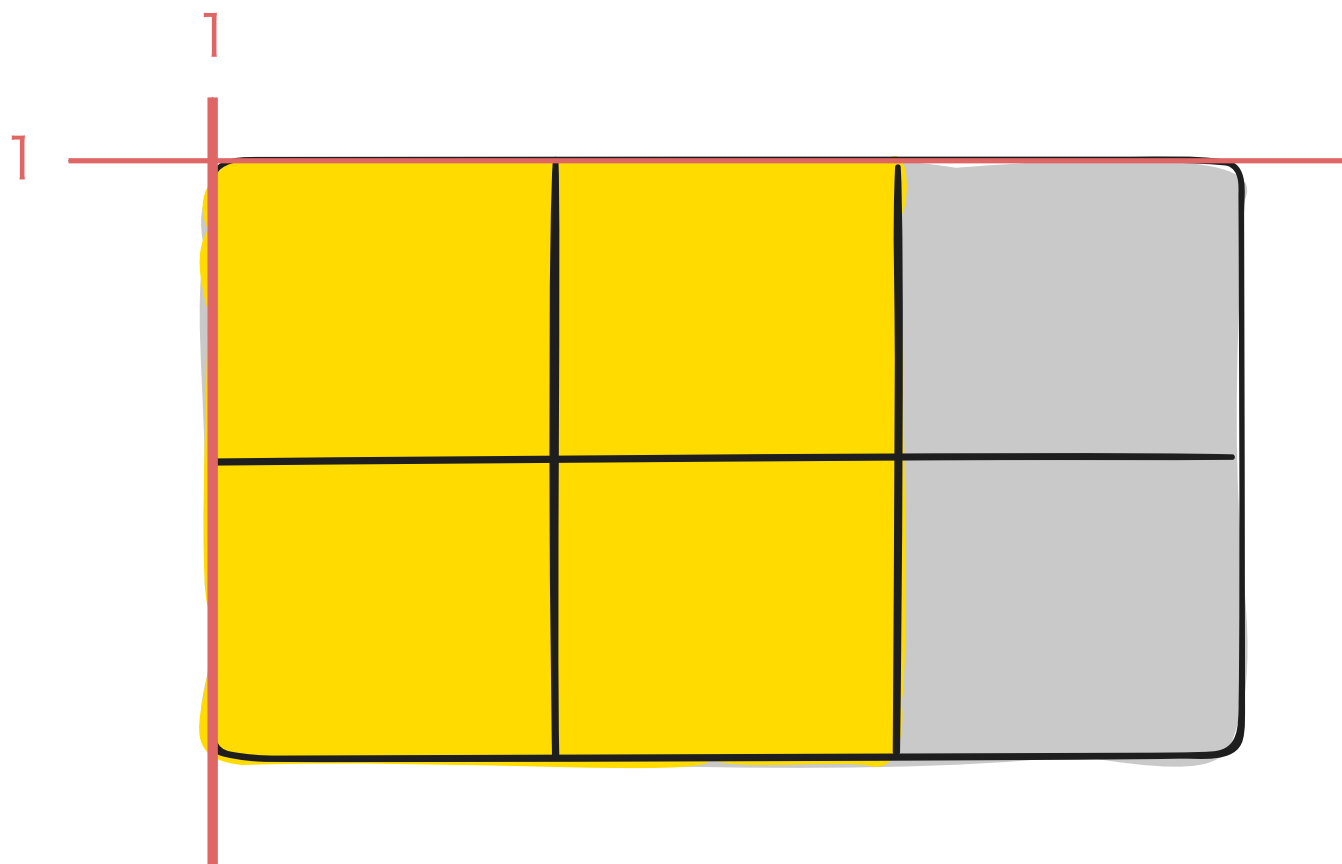
# Grid area 网格区域



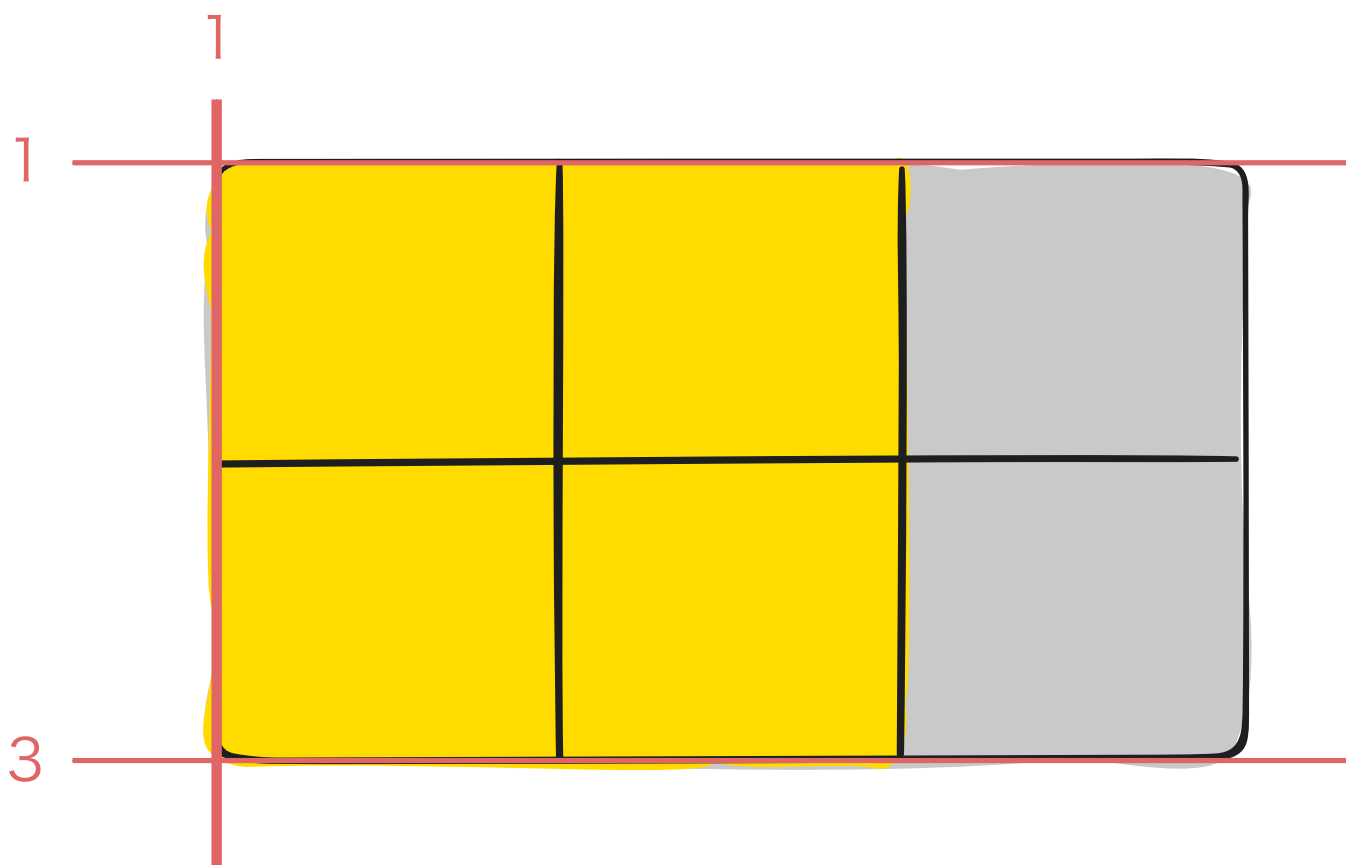
# Grid area 网格区域



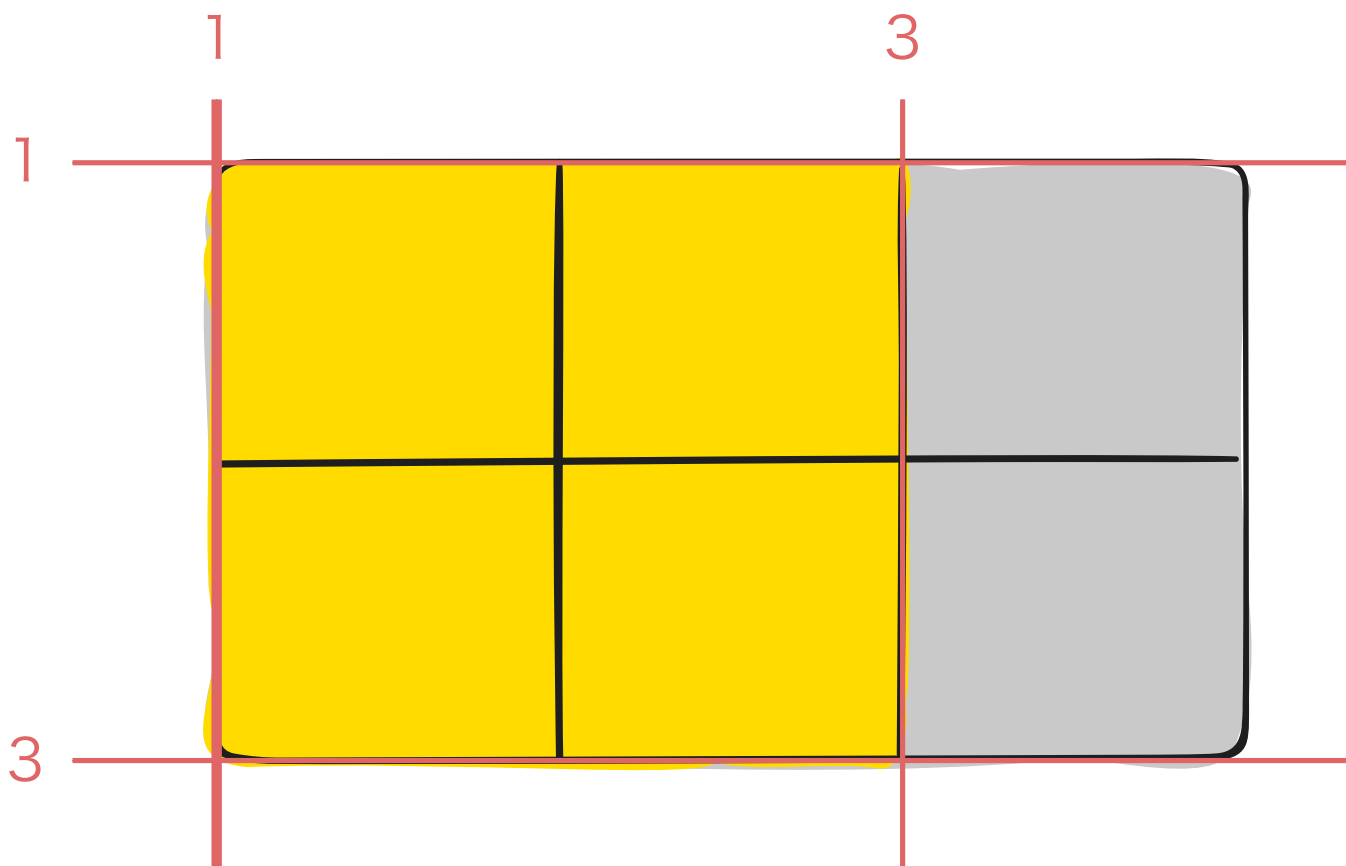
# Grid area 网格区域



# Grid area 网格区域



# Grid area 网格区域

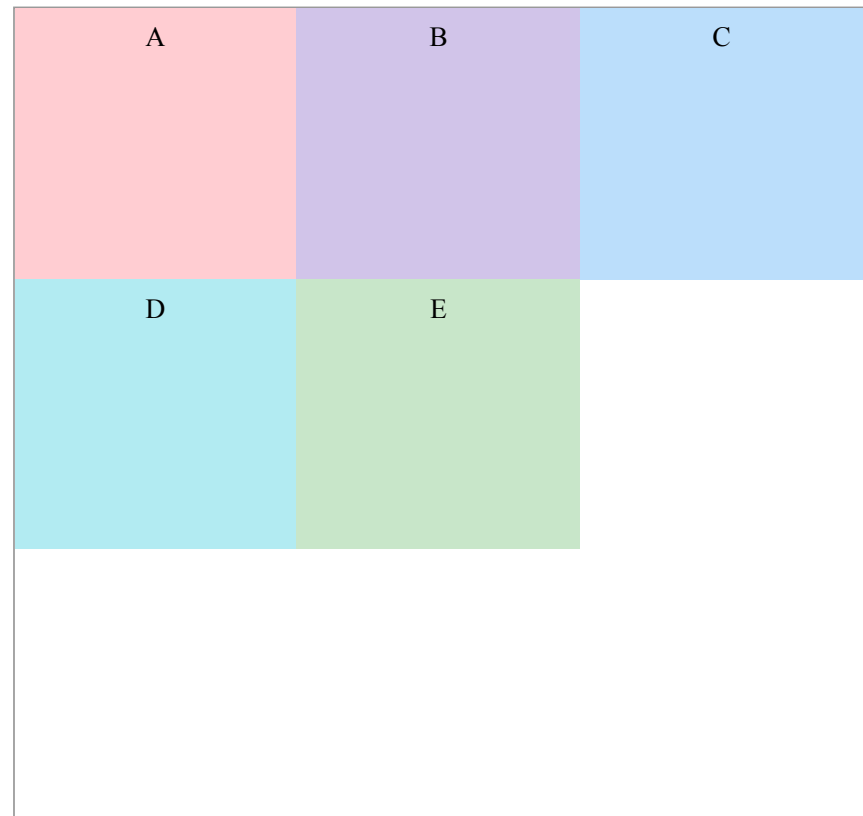


```
.preview {  
  display: grid;  
  grid-template-rows: 1fr 1fr 1fr;  
  grid-template-columns: 1fr 1fr 1fr;  
}
```

```
.a {  
  grid-row-start: 1;  
  grid-column-start: 1;  
  grid-row-end: 3;  
  grid-column-end: 3;  
}
```

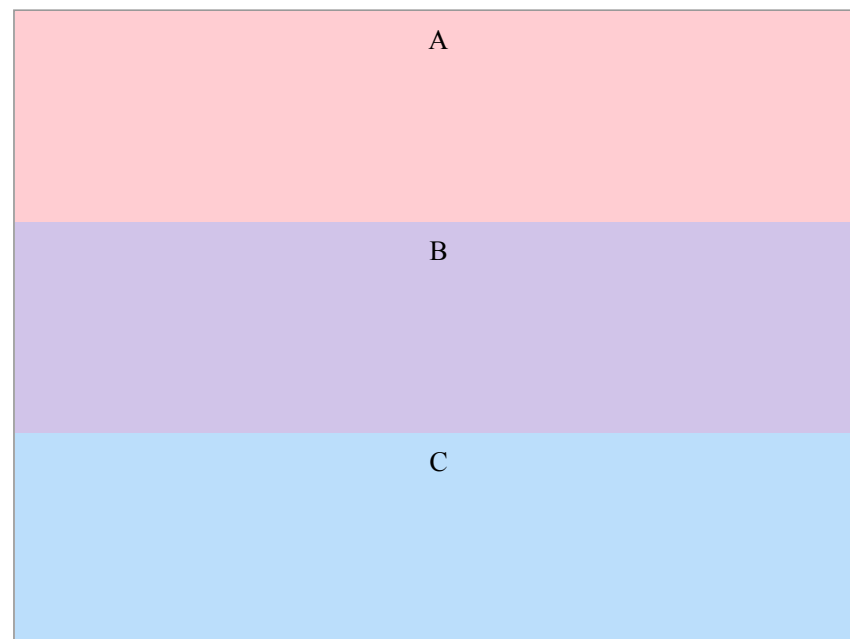
```
.a {  
  grid-area: 1/1/3/3;  
}
```

```
.a {  
  grid-area: 2/2/4/4;  
}  
.b {  
  grid-area: 1/1/3/3;  
}
```



# 命名网格线

```
.preview {  
  grid-template-columns:  
    [left] 100px [center] 1fr [right];  
  grid-template-rows:  
    [top]  
    1fr  
    [middle]  
    1fr  
    [bottom];  
}  
  
.a {  
  grid-area: top/left/bottom/center;  
}
```

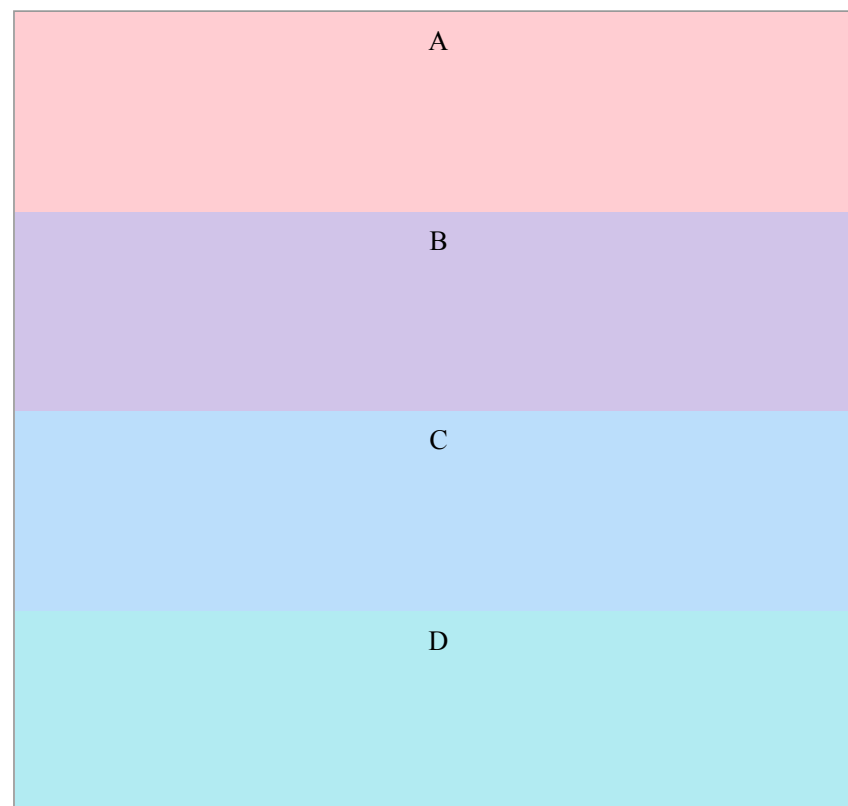


<https://s.codepen.io/webzhao/debug/bQPmzO/PNAvYGDB...>



# 命名网格区域

```
.preview {  
  display: grid;  
  grid-template-columns: 200px 1fr ;  
  grid-template-rows: 50px  
                    1fr  
                    50px;  
  grid-template-areas: "header header"  
                     "aside  main"  
                     "footer footer";  
}  
  
.a {  
  grid-area: header;  
}  
  
.d {  
  grid-area: footer;  
}
```



<https://s.codepen.io/webzhao/debug/wQLROq/dGkXWdDnj...>