

Css grid

```
.container {
    display: grid;
    grid-template-columns: 100px auto 100px;
                        1fr 1fr 1fr;
                        repeat(3, 1fr)

    grid-template-rows: 50px 50px;
                        repeat(2, 50px)

    grid-template: repeat(2, 50px) / repeat(3, 1fr);

    grid-gap: 3px;
}
```

Code in contener:

```
grid-template-columns: repeat(3, 1fr)
grid-template-rows: repeat(3, 50px)
```

```
.item1 {
    grid-column-start: 1;
    grid-column-end: 3;
    grid-column: 1 / 3;
    grid-column: 1 / span 2;
    grid-column: 1 / -1;
    grid-row: 1 / 3;
}
```

```
.container {
    height: 100%;
    display: grid;
    grid-gap: 3px;
    grid-template-columns: [main-start] 1fr [content-start] 5fr [content-end main-end];
    grid-template-rows: [main-start] 40px [content-start] auto [content-end] 40px [main-end];
}

.header {
    grid-column: main-start / main-end;
}

.menu {
}

.content {
    grid-column: content;
}

.footer {
    grid-column: main-start / main-end;
}
```

Grid - Area

```
.container {  
  height: 100%;  
  display: grid;  
  grid-gap: 3px;  
  grid-template-columns: repeat(12, 1fr);  
  grid-template-rows: 40px auto 40px;  
  grid-template-areas:  
    ". h h h h h h h h h h ."  
    "m c c c c c c c c c c c"  
    ". f f f f f f f f f f .";  
}  
.header {  
  grid-area: h;  
}  
.menu {  
  grid-area: m;  
}  
.content {  
  grid-area: c;  
}  
.footer {  
  grid-area: f;  
}
```

@media only screen and (min-width: 860px) {

```
  body {  
    grid-template-columns: minmax(1.5em, 1fr) minmax(650px, 960px) 450px minmax(1.5em, 1fr);  
    grid-template-areas:  
      "header header header header"  
      ". main side ."  
      "footer footer footer footer"  
  }}
```

```

.container {
    display: grid;
    grid-gap: 5px;
    grid-template-columns: repeat(auto-fit, minmax(100px, 1fr));
    grid-auto-rows: 75px;
    grid-auto-flow: dense; (default row)
}

.horizontal {
    grid-column: span 2;
    auto / span 2;
}

.vertical {
    grid-row: span 2;
}

.big {
    grid-column: span 2;
    grid-row: span 2;
}

justify-content: space-around;
// align-content: center;

.container {
    height: 100%;
    display: grid;
    grid-gap: 3px;
    grid-template-columns: repeat(12, 1fr);
    grid-template-rows: 40px auto 40px;
    // justify-items: center;
    // align-items: center;
}

.header {
    grid-column: 1 / -1;
}

.menu {
    grid-column: 1 / 3;
}

.content {
    grid-column: 3 / -1;
    // justify-self: center;
    // align-self: end;
}

.footer {
    grid-column: 1 / -1;
}

```

```
.container {  
    border: 1px solid black;  
    display: grid;  
    grid-gap: 5px;  
    grid-template-columns: repeat(auto-fit, minmax(100px, 1fr));  
    grid-template-rows: 100px 100px;  
}
```

```
.container2 {  
    border: 1px solid black;  
    display: grid;  
    grid-gap: 5px;  
    grid-template-columns: repeat(auto-fill, minmax(100px, 1fr));  
    grid-template-rows: 100px 100px;  
}
```