

# SIMPLE GRID PATTERNS

## FOR YOUR PROJECTS

### ADJUSTABLE GRID

```
.grid {
  --column-count: 3;

  display: grid;
  grid-template-columns:
    repeat(var(--column-count), 1fr);
}
```

Set the desired column count using custom properties.

You can easily make several different grids with modifier classes, or adjust the column count inside media queries.

#### WITH MODIFIERS

```
.grid-3 { --column-count: 3; }
.grid-4 { --column-count: 4; }
.grid-5 { --column-count: 5; }
```

#### WITH CUSTOM PROPERTIES

```
.grid { --column-count: 1; }

@media (min-width: 600px) {
  .grid { --column-count: 3; }
}

@media (min-width: 960px) {
  .grid { --column-count: 4; }
}
```

### GRID AUTO-COLUMNS

```
.auto-grid {
  display: grid;
  grid-template-columns:
    repeat(auto-fit, minmax(min(200px, 100%), 1fr));
}
```



The 200px is the desired minimum size, the 100% prevents overflow if ever the parent is narrower than 200px.

This creates a grid where the browser will figure out how many columns there will be.

It does this based on the the number of children and the amount of available space that they have, based on the minimum size you have provided.

# SIMPLE GRID PATTERNS

## FOR YOUR PROJECTS

### PUSHING THE FOOTER DOWN

If you have short pages and want to ensure the footer always stays at the bottom, we can use this grid as the main layout.

```
.main-layout {  
  min-height: 100vh;  
  display: grid;  
  grid-template-rows:  
    rows 1fr rows;  
}
```

### THE STACK

```
.the-stack {  
  display: grid;  
  grid-template-areas: "stack";  
  place-items: center;  
}  
  
.the-stack > * {  
  grid-area: stack;  
}
```

If ever you need to layer elements on top of each other, say an image or video as a background with some text on top of it, this will do the trick, placing all elements on top of one another as well as vertically and horizontally centering everything.

If you want to see them in action, the [first two are looked at in this video](#) and the [second two are looked at in this video](#).

If you're still struggling with grid, I'd suggest [checkout out this video](#) that looks at what I think are the easiest ways to get going with it.

# SIMPLE GRID PATTERNS

## FOR YOUR PROJECTS

### ADJUSTABLE GRID

```
.grid {  
  --column-count: 3;  
  
  display: grid;  
  grid-template-columns:  
    repeat(var(--column-count), 1fr);  
}
```

Set the desired column count using custom properties.

You can easily make several different grids with modifier classes, or adjust the column count inside media queries.

#### WITH MODIFIERS

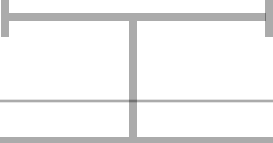
```
.grid-3 { --column-count: 3; }  
.grid-4 { --column-count: 4; }  
.grid-5 { --column-count: 5; }
```

#### WITH CUSTOM PROPERTIES

```
.grid { --column-count: 1; }  
  
@media (min-width: 600px) {  
  .grid { --column-count: 3; }  
}  
  
@media (min-width: 960px) {  
  .grid { --column-count: 4; }  
}
```

### GRID AUTO-COLUMNS

```
.auto-grid {  
  display: grid;  
  grid-template-columns:  
    repeat(auto-fit, minmax(min(200px, 100%), 1fr));  
}
```



The 200px is the desired minimum size, the 100% prevents overflow if ever the parent is narrower than 200px.

This creates a grid where the browser will figure out how many columns there will be.

It does this based on the the number of children and the amount of available space that they have, based on the minimum size you have provided.

# SIMPLE GRID PATTERNS

## FOR YOUR PROJECTS

### PUSHING THE FOOTER DOWN

If you have short pages and want to ensure the footer always stays at the bottom, we can use this grid as the main layout.

```
.main-layout {  
  min-height: 100vh;  
  display: grid;  
  grid-template-rows:  
    rows 1fr rows;  
}
```

### THE STACK

```
.the-stack {  
  display: grid;  
  grid-template-areas: "stack";  
  place-items: center;  
}  
  
.the-stack > * {  
  grid-area: stack;  
}
```

If ever you need to layer elements on top of each other, say an image or video as a background with some text on top of it, this will do the trick, placing all elements on top of one another as well as vertically and horizontally centering everything.

If you want to see them in action, the first two are looked at in this video

<https://youtu.be/r1litKbJRFE>

The second two are looked at in this video

<https://youtu.be/JHregelsjPQ>

If you're still struggling with grid, I'd suggest checkout out this video that looks at what I think are the easiest ways to get going with it  
( <https://youtu.be/rg7Fvvl3taU> )