

# CSS Grid Layout

## Grid Container

```
<- 20em ->|<--- auto --->
+-----+-----+-----+
|       |       |       |
+-----+-----+-----+
|       |       |       |
+-----+-----+-----+
|       |       |       |
+-----+-----+-----+
|       |       |       |
1       2       3
```

```
display: grid;
grid-template-columns: 20em auto;
grid-template-rows: auto auto auto;
```

## Grid Items

```
+-----+-----+
|       header       |
+-----+-----+
|  nav  |  main  |
+-----+-----+
|       footer       |
+-----+-----+
```

### header

```
grid-column-start: 1;
grid-column-end: 3;
grid-row-start: 1;
grid-row-end: 2;
```

### nav

```
grid-column-start: 1;
grid-column-end: 2;
grid-row-start: 2;
grid-row-end: 3;
```

### main

```
grid-column-start: 2;
grid-column-end: 3;
grid-row-start: 2;
grid-row-end: 3;
```

### footer

```
grid-column-start: 1;
grid-column-end: 3;
grid-row-start: 3;
grid-row-end: 4;
```