

Summary

Creating a Grid

- `display: grid` creates a grid where child elements are automatically placed in rows
- This default can be overwritten with `grid-auto-flow` (and then also `grid-auto-rows` or `grid-auto-columns`)
- Use `grid-gap` to add gaps between columns and rows

Defining the Grid Structure

- You define columns and/ or rows explicitly via `grid-template-columns/ grid-template-rows`
- Use `repeat(times, size)` to create multiple columns or rows with ease
- Use `auto-fill/ auto-fit` to derive the number of columns automatically
- Use `minmax` for dynamic sizing

Placing Elements

- Position elements in the grid via `grid-row` and/ or `grid-column`
- Use `span X` to span an element over multiple columns or rows
- Use line numbers, line names or named areas

Aligning Elements

- Align grid items via `justify-items` (X-axis) and `align-items` (Y-axis)
- Align the entire grid content via `justify-content` (X-axis) and `align-content` (Y-axis)