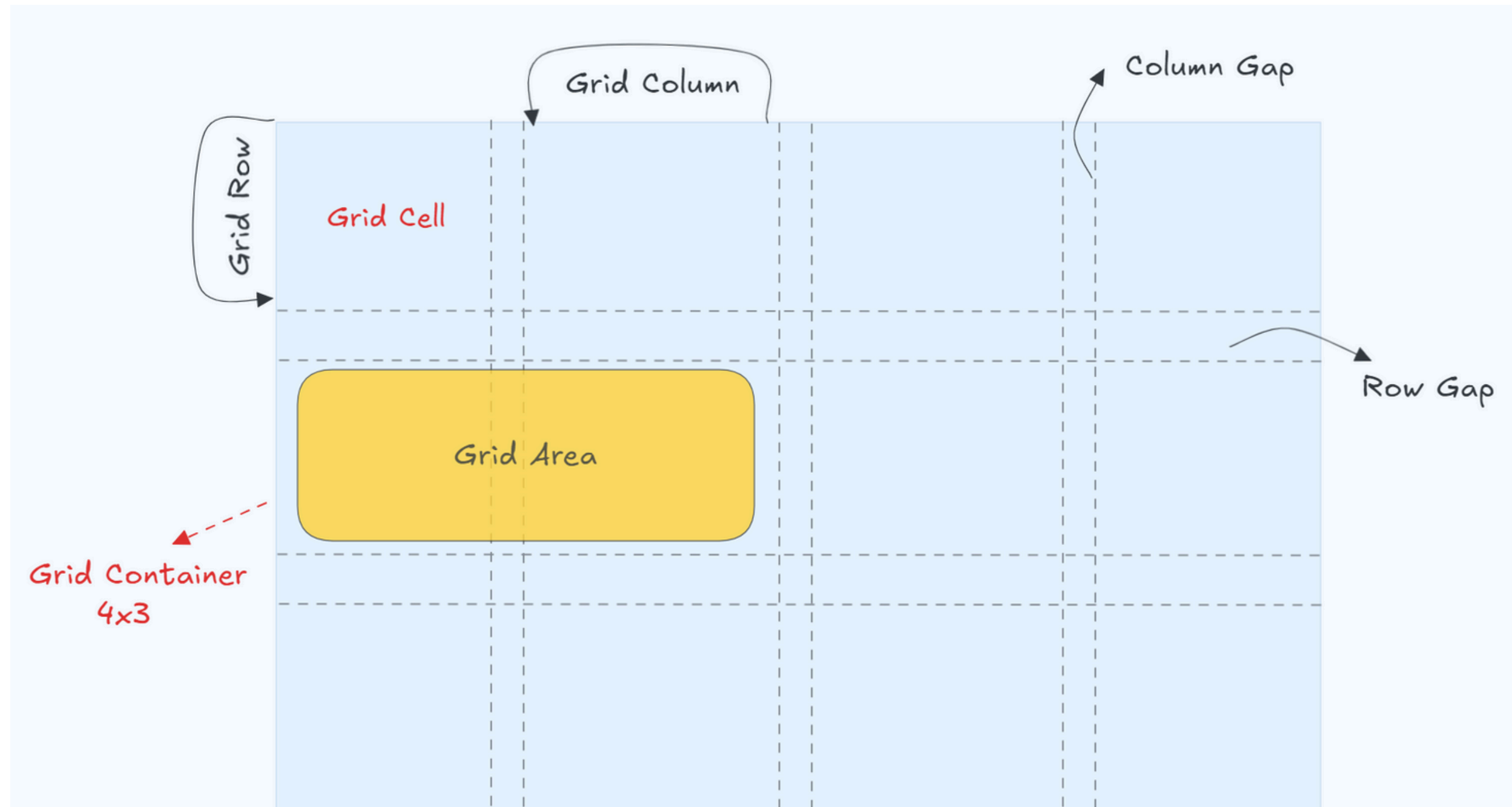# CSS GRID

Grid Layout Model

Grid

- A **Two-dimensional** layout system that allows you to create complex, responsive web layouts with ease.

- It uses a grid of rows and columns to organize content.

Grid Container Properties

Property Name	Description
display	grid
grid-template-columns	Defines the number and size of columns
grid-template-rows	Defines the number and size of rows.
grid-row-gap	Sets the gap between rows
grid-column-gap	Sets the gap between columns
grid-template-areas	Defines areas of the grid.

Grid Item Properties

Property Name	Description
grid-column-start	Defines where the item starts in the columns.
grid-column-end	Defines where the item ends in the columns.
grid-row-start	Defines where the item starts in the rows.
grid-row-end	Defines where the item ends in the rows.

Transformation & Transition

Transform Functions

Name	Example
translate	Moves an element along the X, Y and Z axes.
rotate	Rotate an element along the X, Y and Z axes.
scale	Scale(Zoom) an element along the X, Y and Z axes.
skew	Skew(Tilt) an element along the X and Y axes.