

Complete Comparison between Grid, Float, and Flexbox

Feature / Property	Float	Flexbox	Grid
Layout Type	None (used for text wrapping)	1D (Row or Column)	2D (Rows + Columns)
Main Purpose	Wrapping text around images	Aligning items in one line or column	Creating full page or section layouts
Introduced in	Early CSS1 (very old)	CSS3	CSS3
Display Property	float: left/right;	display: flex;	display: grid;
Axis Control	None	Single axis	Both axes
Alignment Support	Poor	Excellent	Excellent
Space Distribution	Manual (with margins)	Automatic (flex-grow/shrink)	Automatic (fraction units, auto-fill)
Reordering Items	Not possible	order property	order / grid-area
Responsive Design	Difficult	Easy	Very easy
Complex Layouts	Hard to manage	Medium	Very simple
Browser Support	All browsers	Modern browsers	Modern browsers
Typical Use Case	Text + image wrapping	Navbars, forms, cards	Page layout, dashboard
Ease of Learning	Easy	Moderate	Slightly complex