CSS Box Model, Border & Outline

box model – Every element is a box made of content, padding, border, and margin.

width – Controls the width of the content area.

height – Controls the height of the content area.

padding – Space between content and border.

margin – Space outside the element, separating it from others.

box-sizing – Controls how width and height are calculated.

Common value: border-box includes padding and border inside width.

border-width – Sets thickness of the border.

border-style – Sets border type like solid, dashed, dotted.

border-color – Sets border color.

border-radius – Rounds the corners of the border.

border shorthand – Sets width, style, and color in one line.

Example: border: 2px solid black;

outline – A line drawn outside the border. Does not affect layout.

outline-width – Sets outline thickness.

outline-style – Sets outline type.

outline-color – Sets outline color.

outline-offset – Creates space between border and outline.