

# ProSensia Internship Report

Week 2 Day 3

## CSS Box Model – Padding, Margin, Border, and Content

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### Objective:

To understand and apply the CSS Box Model concept in web design, including how content, padding, borders, and margins interact to define the overall size and spacing of HTML elements.

### Introduction:

On Day 3 of Week 2 at ProSensia, the focus was on one of the fundamental concepts in CSS – the Box Model. Every HTML element is treated as a rectangular box, and the Box Model helps in controlling the spacing and layout of these elements precisely. We explored and practiced how padding, margin, border, and content interact visually on a web page.

### Topics Practiced & Implemented:

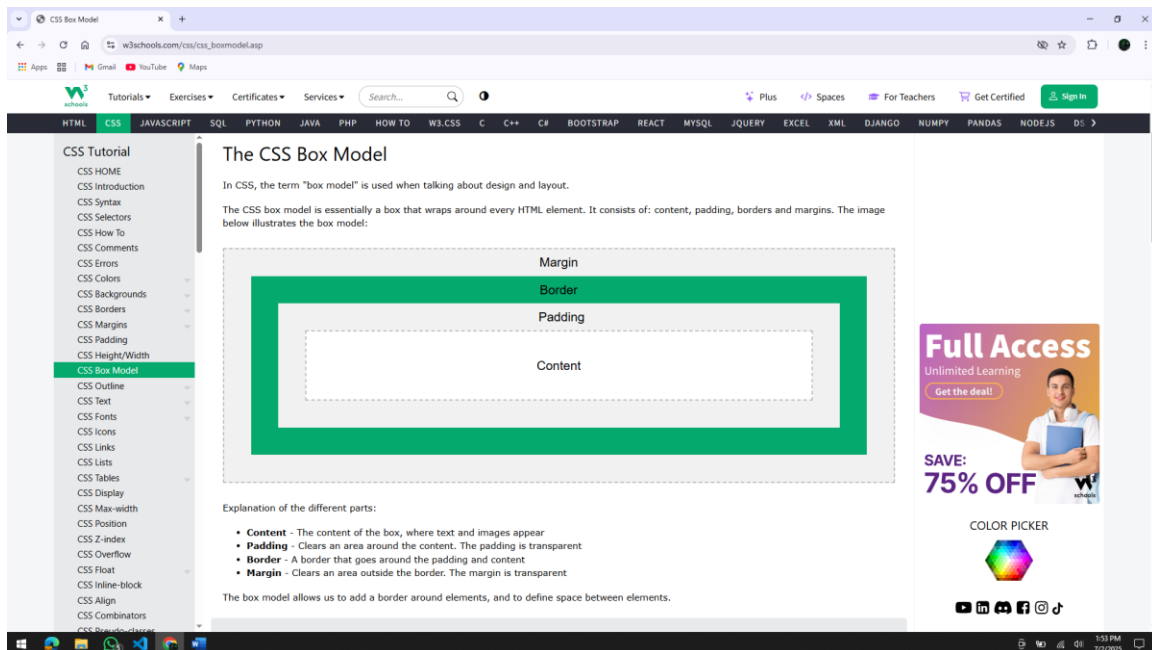
- Box Model Structure:
  - Content – The actual text or image.
  - Padding – Space between content and border (increases box size).
  - Border – A visible boundary around the element.
  - Margin – Space outside the element that separates it from others.
- Practical Implementation:
  - Adjusting spacing using margin and padding.
  - Combining borders with padding to highlight visual boundaries.
  - Using box-sizing: border-box; to manage element width accurately.
- Real-World Usage:

- Created sample sections with different box model settings.
- Used DevTools to inspect spacing and adjust live for better understanding.

## Output / Results:

Successfully built multiple layout blocks using box model properties. Gained confidence in spacing control and layout flow. The knowledge will improve the responsiveness and design alignment in future projects.

## Screenshot Placeholder:



## Conclusion:

Understanding the CSS Box Model is essential for every front-end developer. Today's session deepened my layout design skills by showing how padding, margin, and borders can be managed to create cleaner and more structured web interfaces.