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# Diving Deeper Into HTML & CSS

## Beyond the Basics

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# Module Content

Lists & Website Structure with Semantic Elements

Containers, Cascading, Inheritance & Specificity

The Box Model

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# Inheritance

(Selected) container rules apply to descendants

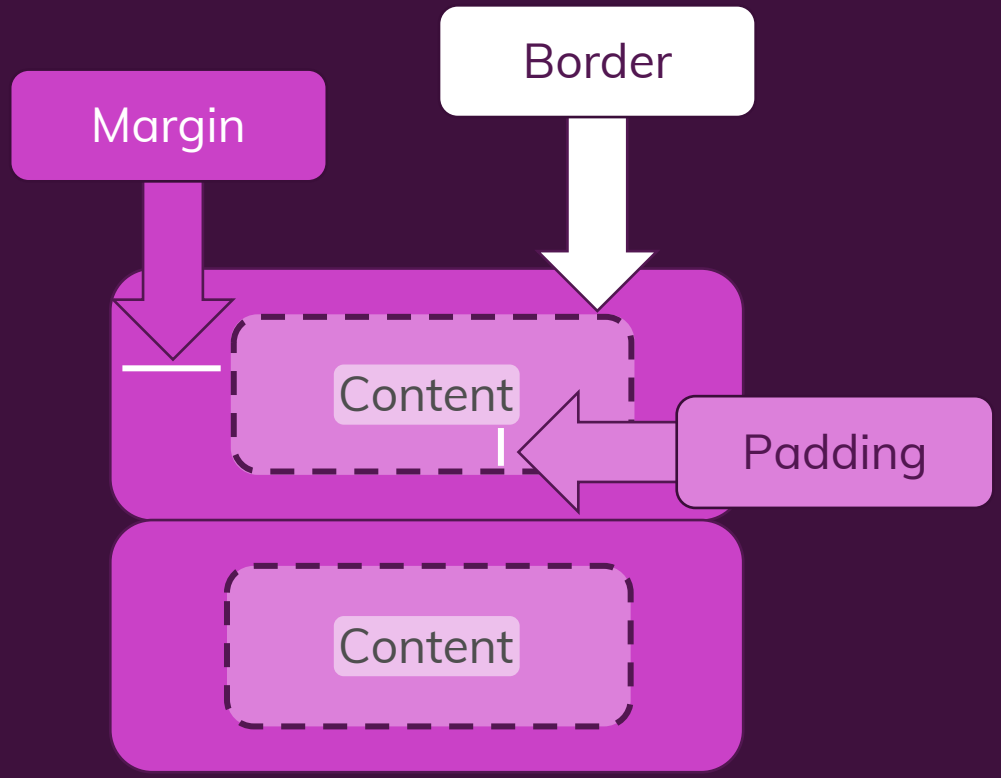
# Cascading Style Sheets

Multiple rules can be applied to the same element

# Specificity

More specific selector‘s rule wins over less specific selector

# The CSS Box Model

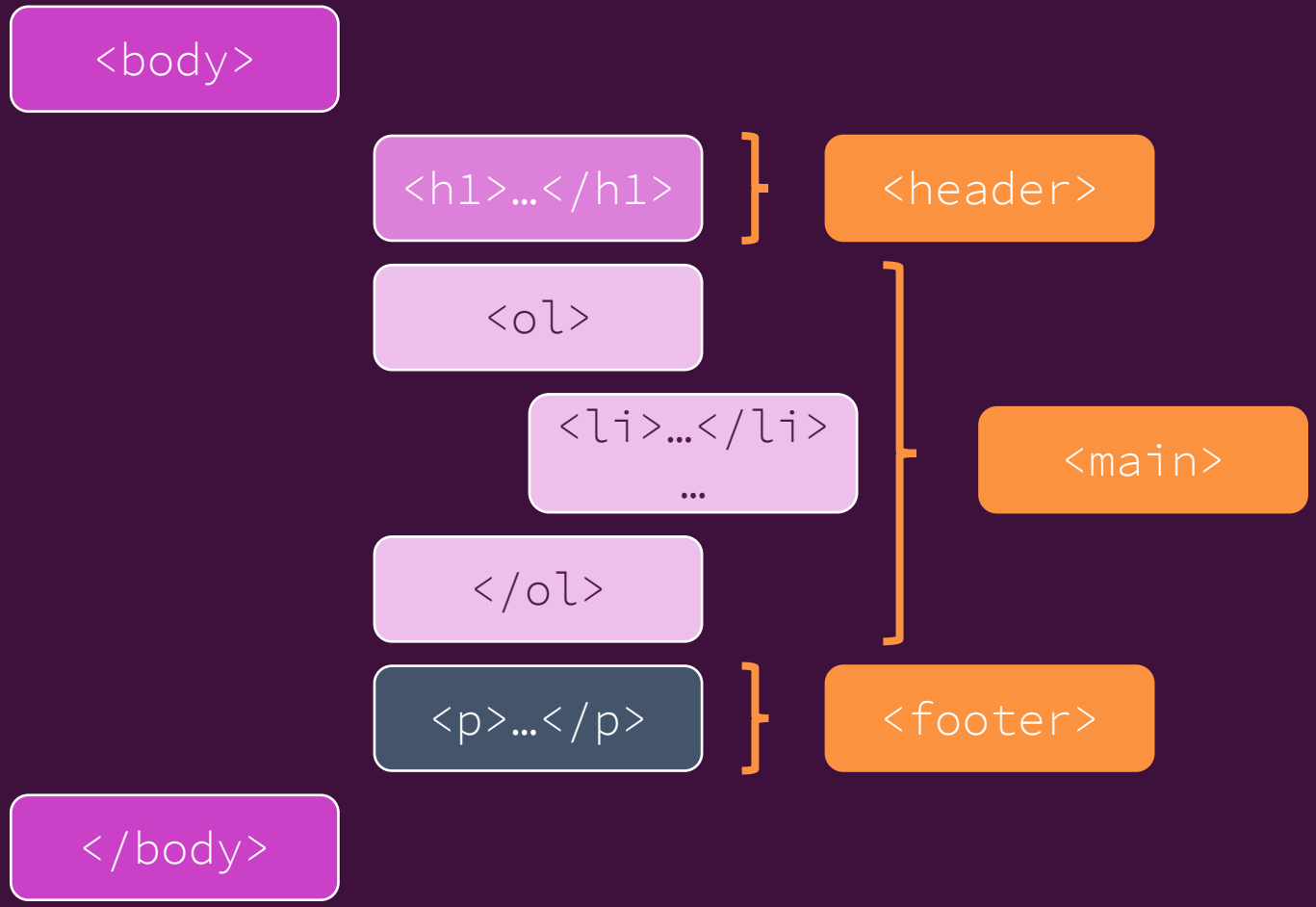



```
HTML
<p>The Box Model</p>
```

```
CSS

p {
  padding: 2px 5px 2px 5px;
  border: 2px dashed black;
  margin: 8px 6px;
  margin: 8px
}
```

# Adding Structure to a Webpage

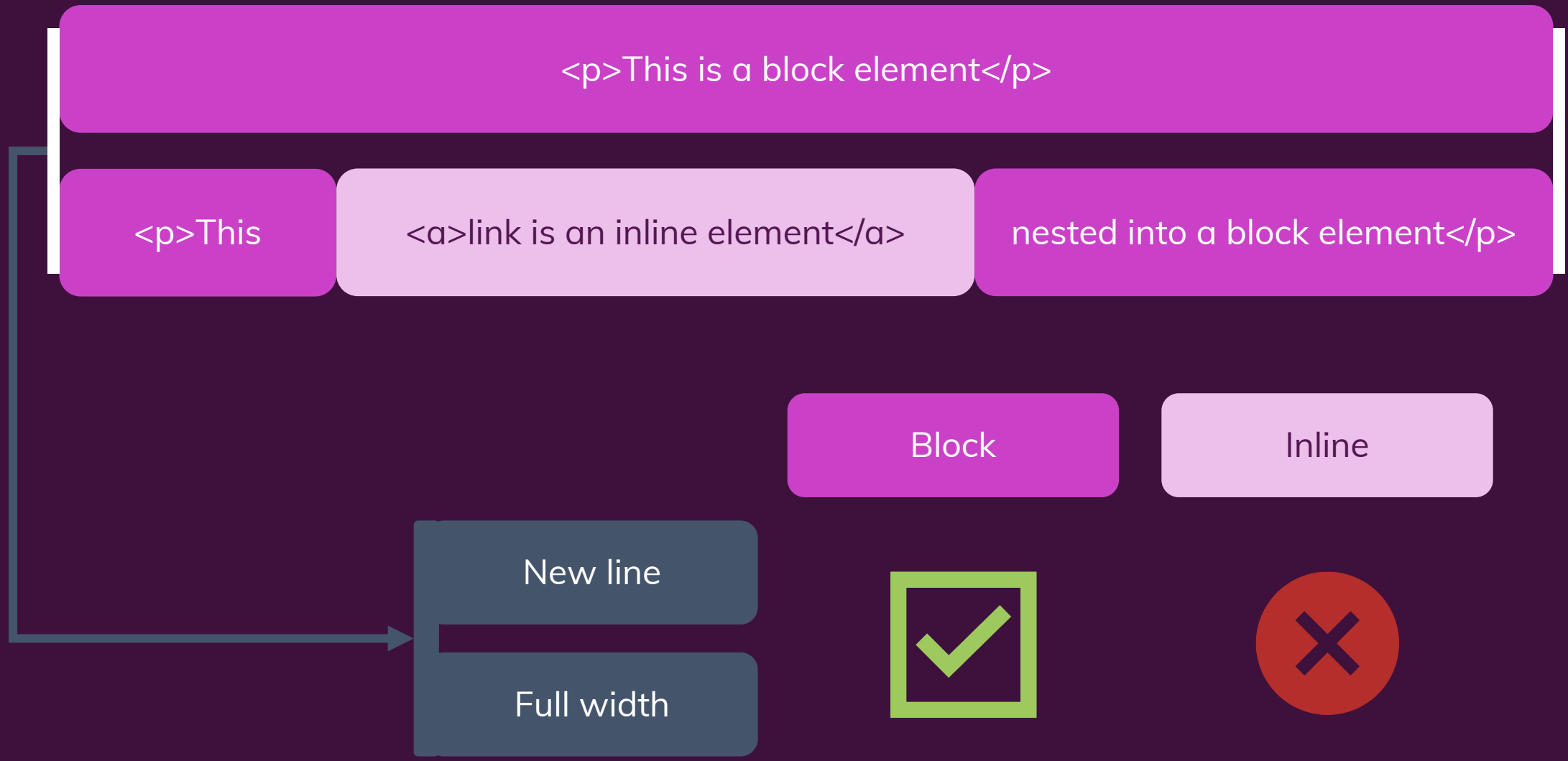


# Selectors & Combinators

| Selectors | |
|---|---|
| Type | `elementname` |
| ID | `#id` |
| Group | `elementname, elementname` |
| Class | `.class` |

| Combinators | | |
|---|---|---|
| Descendant | `li p` | All p with li as ancestor |
| Child | `h2 > p` | Only p which are direct children of h2 |

# Block (Level) Elements vs Inline Elements



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# Common Inline Elements

| | |
|---|---|
| <a> | Link to other website/page of current website |
| <button> | Clickable button to submit forms |
| <img> | Embed image into HTML page |
|  | Non-semantic inline container to mark-up text |