

# Emmet Quick Reference

HTML abbreviations, nesting, attributes, CSS shortcuts

## HTML Abbreviations

### Element Shortcuts

|                 |                             |
|-----------------|-----------------------------|
| <b>div</b>      | Create <div></div>          |
| <b>p</b>        | Create <p></p>              |
| <b>h1</b>       | Create <h1></h1>            |
| <b>a</b>        | Create <a href=""></a>      |
| <b>img</b>      | Create <img src="" alt="">  |
| <b>input</b>    | Create <input type="text">  |
| <b>btn</b>      | Create <button></button>    |
| <b>link:css</b> | Link tag for CSS stylesheet |

### HTML Boilerplate

! → full HTML5 boilerplate  
doc → HTML5 doctype only

### Implicit Tags

|                       |  |
|-----------------------|--|
| <b>.class</b>         | Resolves to <div class="class">        |
| <b>ul&gt;.item</b>    | Child resolves to <li class="item">    |
| <b>table&gt;.row</b>  | Child resolves to <tr class="row">     |
| <b>select&gt;.opt</b> | Child resolves to <option class="opt"> |

### Nesting

#### Nesting Operators

|    |                     |
|----|---------------------|
| >  | Child element       |
| +  | Sibling element     |
| ^  | Climb up one level  |
| ^^ | Climb up two levels |

#### Nesting Examples

div>ul>li → nested child elements  
div>p+footer → sibling elements  
div>p>span^h2 → climb up: h2 is sibling of p  
div>p>span^^h2 → climb up twice: h2 sibling of div

### Grouping

#### Parentheses Grouping

div>(header>nav)+main+footer  
→ groups header>nav as a unit  
(div>h2+p)\*3  
→ repeat grouped structure 3 times

#### Complex Layout

.container>(header>h1+nav>ul>li\*3)+main+footer  
→ full page layout skeleton

### Multiplication

#### Repeat Operator

|                        |   |
|------------------------|---|
| <b>li*5</b>            | Create 5 <li> elements                    |
| <b>div&gt;p*3</b>      | Div with 3 child paragraphs               |
| <b>ul&gt;li*4&gt;a</b> | List with 4 items, each containing a link |
| <b>tr&gt;td*4</b>      | Table row with 4 cells                    |

#### Multiplication Examples

ul>li.item\*5 → 5 list items with class  
table>tr\*3>td\*4 → 3x4 table grid  
.row>.col\*3>p{Content} → 3-column row with text

### Numbering

#### Item Numbering (\$)

|               |  |
|---------------|--|
| <b>\$</b>     | Sequential number (1, 2, 3...)         |
| <b>\$\$</b>   | Zero-padded two digits (01, 02...)     |
| <b>\$\$\$</b> | Zero-padded three digits (001, 002...) |
| <b>\$@3</b>   | Start numbering from 3                 |
| <b>\$@-</b>   | Reverse numbering (descending)         |
| <b>\$@-3</b>  | Reverse numbering starting from 3      |

#### Numbering Examples

li.item\*\$3 → item1, item2, item3  
li.item\$\$\*3 → item01, item02, item03  
li.item@\$\*3 → item3, item4, item5

### Attributes

#### ID and Class

|                        |                                 |
|------------------------|---------------------------------|
| <b>#id</b>             | Add id attribute: <div id="id"> |
| <b>.class</b>          | Add class: <div class="class">  |
| <b>.c1.c2</b>          | Multiple classes: class="c1 c2" |
| <b>#main.container</b> | ID + class combined             |

#### Custom Attributes

td[colspan=2] → <td colspan="2">  
a[href=#]{Click} → <a href="#">Click</a>  
input[type=email placeholder=Email]  
div[data-id=\$]\*3 → data-id="1", "2", "3"

### Text

#### Text Content ({} )

**p{Hello}** <p>Hello</p>  
**a{Click me}** <a href="#">Click me</a>  
**p{Item \$}\*3** Item 1, Item 2, Item 3

#### Text with Nesting

p>{Click }+a{here}+{ to continue}  
→ <p>Click <a href="#">here</a> to continue</p>  
ul>li{Item \$}\*4  
→ list with numbered items

### CSS Abbreviations

#### Box Model

|               |                    |
|---------------|--------------------|
| <b>m10</b>    | margin: 10px;      |
| <b>m10-20</b> | margin: 10px 20px; |
| <b>p10</b>    | padding: 10px;     |
| <b>w100</b>   | width: 100px;      |
| <b>w100p</b>  | width: 100%;       |
| <b>h50</b>    | height: 50px;      |

#### Display & Position

|              |                     |
|--------------|---------------------|
| <b>d:f</b>   | display: flex;      |
| <b>d:g</b>   | display: grid;      |
| <b>d:n</b>   | display: none;      |
| <b>d:b</b>   | display: block;     |
| <b>pos:r</b> | position: relative; |
| <b>pos:a</b> | position: absolute; |

### Flexbox

|              |                                 |
|--------------|---------------------------------|
| <b>jc:c</b>  | justify-content: center;        |
| <b>jc:sb</b> | justify-content: space-between; |
| <b>ai:c</b>  | align-items: center;            |
| <b>fxd:c</b> | flex-direction: column;         |
| <b>fw:w</b>  | flex-wrap: wrap;                |

### Typography & Colors

|                 |                         |
|-----------------|-------------------------|
| <b>fz14</b>     | font-size: 14px;        |
| <b>fw:b</b>     | font-weight: bold;      |
| <b>ta:c</b>     | text-align: center;     |
| <b>c:#333</b>   | color: #333;            |
| <b>bgc:#fff</b> | background-color: #fff; |