

# 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\*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;