The UX Designer's

HTML 5

Cheat Sheet

HTML5 has more than 120 tags. That's a *lot*. But to make useful interactive HTML prototypes, you only need a small subset of them. Here they are.

Element	Looks like this	What it's for	Important attributes*
`<!DOCTYPE html>`		Tells the browser what type of page this is. For HTML5, it is always `html`.	
`<html>`		The container element for your HTML document	
`<head>`		Contains stuff for the browser: which stylesheets and scripts to pull in, page title, etc.	
`<title>`		The page title (displayed in the title bar/tab)	
`<meta>`		Metadata about the page	`name, content, charset`
`<link>`		Used to include stylesheets and other files	`href, rel`
`<script>`		Used to include Javascript in the head or body (inline or from a separate file)	`src, type`
`<body>`		Contains the actual page contents	

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[Livetyping](#) is the online course that teaches you how to make them.

Element	Looks like this	What it's for	Important attributes*
`<h1>`, `<h2>`, `<h3>`, `<h4>`, `<h5>`, `<h6>`	**Heading 1** **Heading 2** **Heading 3** **Heading 4** Heading 5 Heading 6	Headings	
`<p>`	A paragraph	Paragraph	
`<div>`		A section. Groups content, often for styling purposes. The more specific HTML5 elements (`<section>`, `<header>`, `<footer>`, `<nav>`) are often more appropriate.	
`<section>`		A section	
`<header>`		Page header	
`<footer>`		Page footer	
`<nav>`		A set of navigation links (does not specify position or presentation)	
`<em>`	*emphasis*	Emphasis (usually italic)	
`<strong>`	**strong**	Strong (highlighted—usually bold)	
`<img>`		Image	`src, alt, height, width`
`<a>`	a link	Link	`href`
`<ul>`	• One • Two • Three	Unordered list (usually bulleted). Contains `<li>` elements.	
`<ol>`	1. One 2. Two 3. Three	Numbered list. Contains `<li>` elements.	

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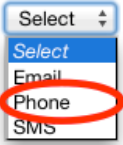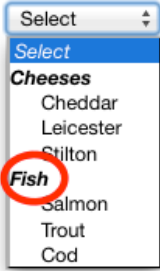*Livetyping is the online course that teaches you how to make them.*

Element	Looks like this	What it's for	Important attributes*
`<li>`	• One	List item	
`<pre>`	Some code	Preformatted text—for code samples, etc.	
`<blockquote>`	There are no details, the details are the design. —*Charles Eames*	For quotes. Can contain `<p>` tags.	
`<form>`		Form (if you have form elements, enclose them in a `<form>`)	
`<input type="text">`	some text	Text input	`autofocus`, `disabled`, `list`, `placeholder`, `required`, `value`
`<input type="password">`	••••••••	Special text input for passwords (masks the value)	`autofocus`, `disabled`, `placeholder`, `required`

`<input type="email">`
`<input type="tel">`
`<input type="url">`
	some text	Text input variants. On many smartphones, the keyboard layout changes to suit.	`autofocus`, `disabled`, `placeholder`, `required`, `value`

`<input type="number">`		Number input	`max`, `min`, `step`, `autofocus`, `disabled`, `placeholder`, `required`, `value`
`<input type="time">`	15:02	Time input	Same as `number`
`<input type="date">`	2012-07-10	Date input	Same as `number`
`<input type="datetime">`	2012-07-10T12:03Z	Date and time input	Same as `number`

Element	Looks like this	What it's for	Important attributes*
`<input type="week">`	2012-W27	Week input	Same as `number`
`<input type="month">`	2012-07	Month input	Same as `number`
`<input type="button">`	Button	Button (cannot contain markup)	`autofocus`, `disabled`, `value` (used as the label)
`<input type="submit">`	Submit	A special button that submits a form	`autofocus`, `disabled`, `value` (used as the label)
`<input type="checkbox">`	☐ Checkbox	Checkbox	`checked`, `autofocus`, `disabled`
`<input type="radio">`	⚪ Radio button	Radio button. Use the same `name` for multiple buttons to make them behave as a group.	`autofocus`, `disabled`, `name`
`<input type="range">`	—•—	Slider	`autofocus`, `disabled`, `value`, `min`, `max`, `step`
`<button>`	⊘ Yes!	Button (can contain markup, e.g., images)	`autofocus`, `disabled`, `type`, `value`
`<textarea>`		Multi-line text input	`autofocus`, `disabled`, `placeholder`, `required`, `type`, `cols`, `rows`
`<select>`	Select ⇅	Drop-down list. Contains `<option>` and (optionally) `<optgroup>` elements.	`autofocus`, `disabled`, `multiple`, `number`

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Element	Looks like this	What it's for	Important attributes*
`<option>`		An option in a `<select>` (drop-down list)	`disabled, selected, value`
`<optgroup>`		Groups options in a `<select>` (drop-down list)	
`<datalist>`		A list of options to be used in a text `<input>` (use the `list` attribute to link to it)	
`<label>`	Email address	A label for a form element	`for`
`<progress>`		A progress bar	`max, value`
`<table>, <tr>, <td>, <th>`		A table. Consists of rows (`tr`) that contain cells (`td`) and heading cells (`th`).	

* Important attributes for *all* elements: `class, id, tabindex`