

# Getting Started

HTML is a Language for Webpages.

A Webpage is made up of several Elements.

Elements are containers which hold text, pictures, videos, sound, or other elements in place on your page. Elements have opening and closing tags.

Think of a cardboard box. The top and bottom of the box hold it's contents inside.

Codepen.io is a web-based code editor. It allows you to create your own webpages from scratch and share them.

In order to share your page full-screen, you will need to sign up for a free account and log-in.

Click 'New Pen'



To see your page full-screen, click the view menu and select 'Full Page':



To get back to the code, click 'Edit this Pen', on the bottom-left.



# Tab-Completion

Codepen has a feature called tab-completion. It's a shortcut for typing in HTML element tags.

In most cases, just type the name of the element, and hit the TAB key. Codepen puts in brackets and adds a closing tag for you.

Here's a big time-saver:

Type 'doc' and then press the TAB key.

That was easy!

```
HTML
1 <html>
2 <head>
3   <meta charset="UTF-8" />
4   <title>Document</title>
5 </head>
6 <body>
7
8 </body>
9 </html>
```

Use the arrow keys to move the cursor down between the opening and closing 'body tags.

That's the main part of your page. Type 'H1' and tab. Write your Holiday Greeting between the tags.

On a new line type 'p' and press tab. Write a some text between the 'p' tags. Can you guess what 'P' stands for?

# CSS

We use CSS rules to define the style of the page's elements - fonts, colors, sizes, spacing, and more. We are going to use css to give the page's body element a background image:

```
⚙ CSS
1 body {
2   background-image: url('http://s10.postimg.org/503hj7obt/blue.jpg');
3 }
4
```

More Backgrounds:



<http://s27.postimg.org/d6ga24amr/image.jpg>



<http://s27.postimg.org/nbacdy3tf/image.jpg>



<http://s27.postimg.org/61ygt33df/image.jpg>



<http://s27.postimg.org/6oss4vavn/image.jpg>



<http://s27.postimg.org/mx90ecjpv/image.jpg>



<http://s27.postimg.org/4y9r3dtcj/image.jpg>

# More Styles

You can change the **color** of an element's text by adding a 'font-color' in CSS: Or try aqua, black, blue, fuchsia, gray, green, lime, maroon, navy, olive, orange, purple, red, silver, teal, white, or yellow. For other colors, there are hex codes.

```
⚙ CSS
1 p {
2   font-color: red;
3 }
```

```
⚙ CSS
1 h1 {
2   text-align:center;
3 }
```

Position an element's content to the left, right, or center with 'text-align':

We can give our page margins by adding padding rules to the body's CSS.

```
⚙ CSS
1 body {
2   background-image: url('http://s10.postimg.org/503hj7obt/blue.jpg');|
3   padding-left: 15%;
4   padding-right: 15%;
5 }
6
```