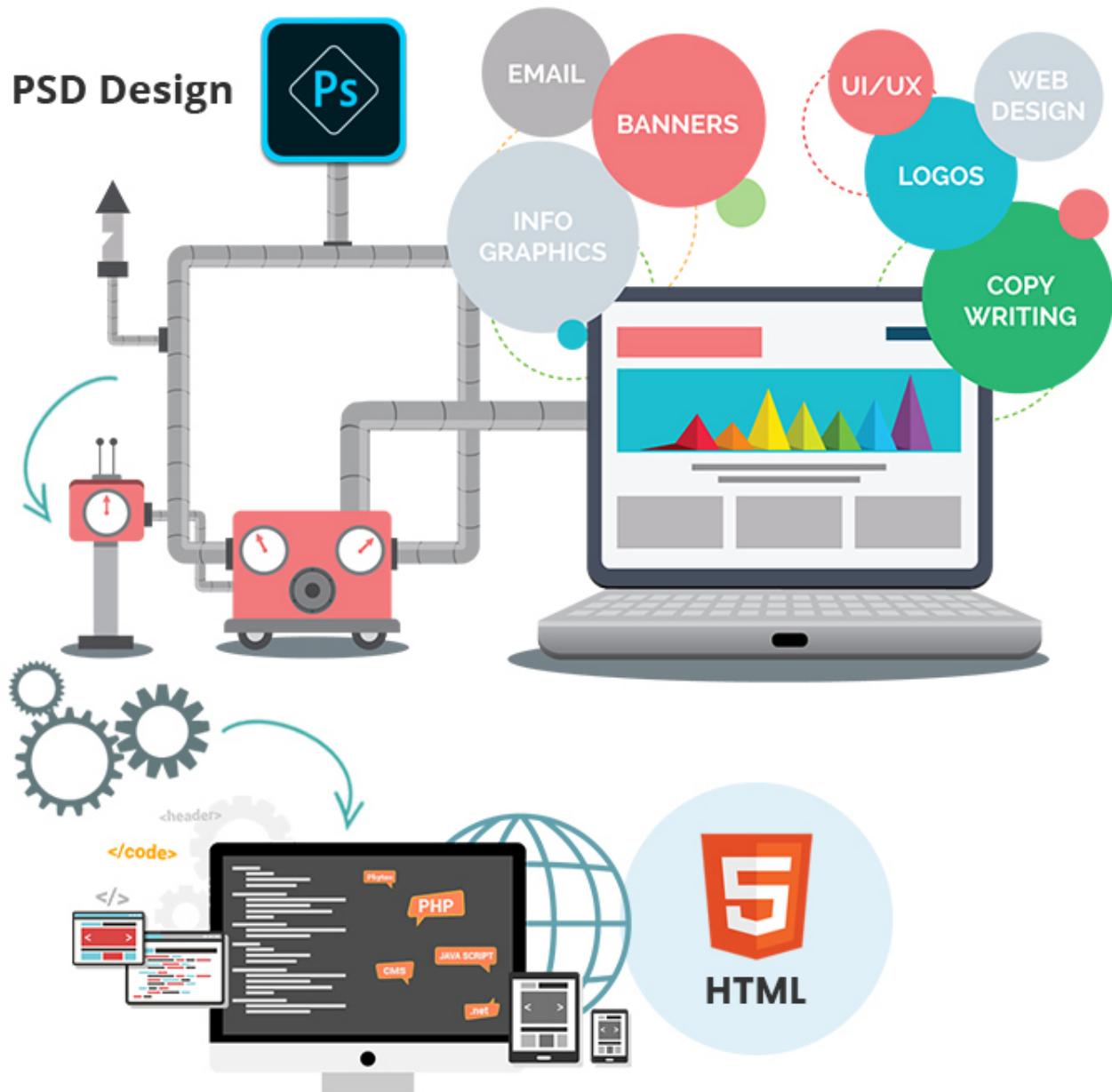


Quick Guide for **PSD to HTML Conversion**

Introduction

The tech-savvy era in which we are living today is all about being updated every minute. Our team of front-end developers has worked on web projects for a longer time, over 16 years! We started back when slicing images from a PSD for backgrounds was still a thing and now do everything from PSD to HTML conversion services to full stack web and mobile applications. **PSD to HTML conversion** is a quick way to add interactive features into the static image files.

You can use different approaches including self-coding, automated tools or hiring a dedicated professional from a reliable web application development company. This ebook will help accomplish **PSD to HTML Conversion** process in the proper manner.



Approaches for **Converting PSD to HTML**

When it comes to stripping your designs in the PSD format to HTML there are various options. Let us dig more into it:

Self-Coding or hiring **Front-end Developer**



If you are a person or you know a person who does not shy away from a bit of coding, then you could try coding the HTML page. This is the first approach, which is going to demand some technical skills from you or your front-end development partner.

Automated Tools



There are automated PSD to HTML conversion tools available. Though such conversion tools do a fairly good job, you cannot expect pixel-perfect conversions here. If you do not mind conceding on the quality, then try automated PSD conversion tool.

Getting Started with PSD to HTML Conversion



PSD to HTML is a workflow.

First, a web page is designed in a Photoshop Document (PSD) and then converted to code (using HTML, CSS, and JavaScript). You can swap Photoshop with any other image editor (like Pixelmator, GIMP, and so on). Here's a slightly more detailed step-by-step breakdown:



1 Design a high fidelity **pixel-perfect mock-up in Photoshop** of exactly how you want your site to look like.

2 Use the **slice tool** to divide your website's imagery and then export it to the web.



3 Write **HTML and CSS** that utilizes the imagery you exported from Photoshop.

At a first glance, it might seem like a good idea. However, it can be difficult to begin with coding if you don't know how the result will look like. So, experimenting in Photoshop first and then "exporting" it to HTML is the most sensible process. In Photoshop, the slices feature in the save for web dialog is an essential tool for designers for saving assets from PSD. This tool made it easy to "slice" a design into images and then layout in a web page using HTML and CSS.

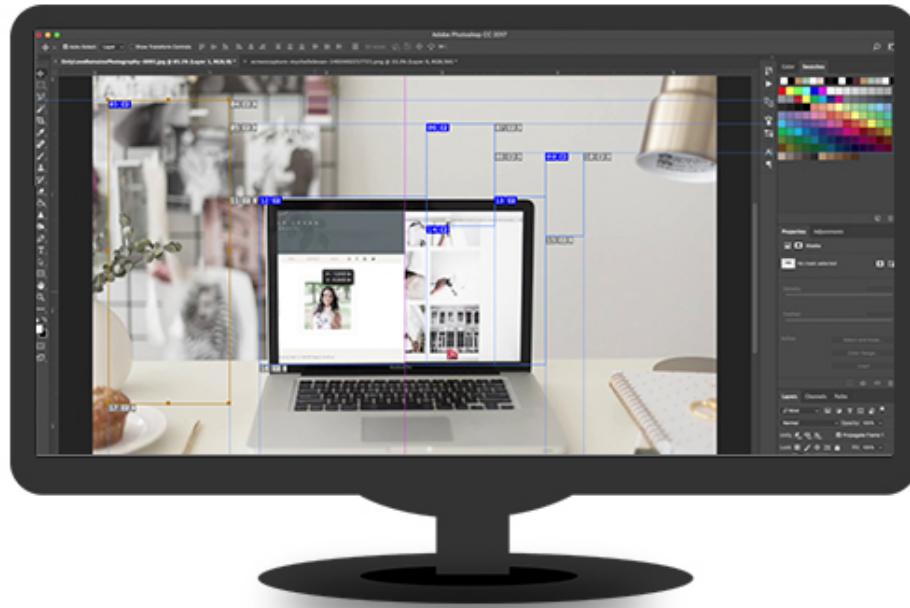


Checklist for **Photoshop** elements before you start coding:

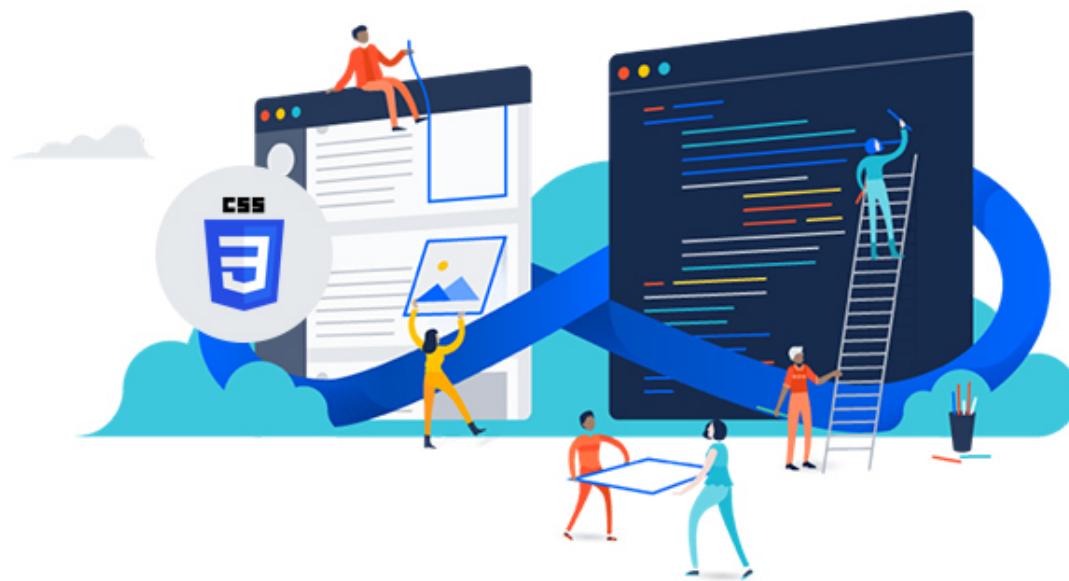
- ✓ Layers are all named and put into group folders when applicable
- ✓ Check fonts consistency throughout the design
- ✓ List the fonts, whether they are web fonts or non-web fonts
- ✓ Pixels should be used when sizing fonts instead of points
- ✓ Make sure colors are consistent throughout all PSDs
- ✓ Hover, Active and/or Visited states are specified for links and buttons
- ✓ All common images the same size
- ✓ Any special instructions

Deep Dive into PSD to HTML Conversion Process

Kick-off by **Slicing Images from Your PSD File**



In any PSD file, there are images- background images for the header, or other things that can't be replicated with CSS. It's actual start of PSD to HTML conversion. Take your PSD file and cut out the images that can't be re-created using standard CSS exporting tools. Export these assets to PNG or whatever file format you feel is necessary.



Previously we have to cut out shadows and carefully place them next to images, but now CSS3 has shadow effects. So, all you need is just images, and CSS3 can do the rest of the shadowing.

Write the HTML for Each Section

One page is divided up into multiple sections. To keep your designs uniform and easily laid out in terms of HTML code, you should write the HTML sections from top to bottom. HTML5 has made sectioning your code much more efficient.



Header:

The very top part of the page is the header. It usually contains the logo and any main menu items that lay horizontally at the top of the page. It also contains a separation line between the header and the main content.



Hero:

Not every page has a hero section. This section is a large area at the top that makes a particular image or offer stand out from the rest of the page. It's located just underneath the header section.



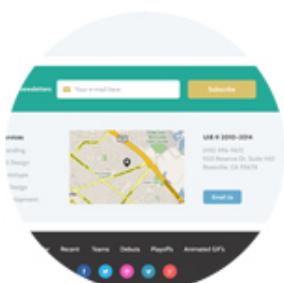
Slideshow:

Some site owners prefer a slideshow at the top of the page. You code this section next since it also includes a list of images that slide across the page.



Content:

This section is the main text area that contains all of the content including text, images, buttons, and basically any components that make up the dynamic meat of the site.



Footer:

The footer section is at the bottom of the page. It usually contains contact information, some links to content such as a blog or about page, and any social media links for the business when you are building marketing pages.

Once you create your HTML sections, you must review it for syntax accuracy. Nothing is worse than building out a site only to find the main HTML is missing a closing tag.

It can take hours to troubleshoot a minor syntax error in HTML, but it can cause major usability issues for your users. Take the time now to review the code for any errors. To help speed up code review, use an HTML validator.

PSD to HTML Checklist



Are images cut well?



Testing all aspects of code



Is the code is SEO Friendly?



Don't forget accessibility for slower connections esp. Mobile Devices



Is the code is SEO Friendly?



What about user-experience?



Is the code is clean so that other developers can pick up where you left?

9 Crucial things to care about in PSD to HTML Conversion



1) Manual coding is the right approach



Although the world of website development is flooded with numerous tools that can perform automatic coding for your site. However, the problem with these software tools is that you can't deliver a truly custom HTML/CSS code using automation, and these tools don't offer the pixel-perfect conversion that can only be executed using hand-coded interaction with both the PSD as well as the required converted file.

Unless you're upright with fixing bugs and know how to execute front-end code, the results through conversion tools would be more of a bother than the value delivered.

2) Use SEO semantic HTML tags



When carrying out HTML coding it is vital to recall SEO semantic coding, this will support your site when it comes to presenting prominently in the search engine outcomes related to your niche, and will help bring much-needed traffic to your website. Using heading tags, meta tag description, and image ALT tags help for Search Engine Optimization.

3) Watch out for W3C (World Wide Web Consortium) Validation of your website



While performing PSD to HTML markup conversion of your website, make sure to perform a W3C validation check. This is mandatory for assuring 100% correctness of code that's been included on the website. W3C validation will guarantee the 'active/live' status for your website over the web.

4) Pixel Perfect Markup matching your Design



The design is converted into pixel perfect and optimized markup, with cross-browser compatibility and W3C compliant HTML / CSS markup assists in providing improved and swift services to the clients.

5) Image optimization and compression for rapid load times



While performing PSD to HTML markup conversion of your website, make sure to perform a W3C validation check. This is mandatory for assuring 100% correctness of code that's been included on the website. W3C validation will guarantee the 'active/live' status for your website over the web.

6) Responsive HTML5 / CSS / JS coding



Responsive Web Design styles your website page to look upright on multiple devices which include desktops, tablets, and the mobile phones. Well structured, professionally commented Responsive HTML5 / CSS / JS coding is an integral part of PSD to HTML conversion.

It is all about utilizing CSS and HTML for resizing, shrink, hide, extend, or move content to look better on every screen. JS is the set of modular libraries and tools that empower interactive content on the web through HTML5. These libraries are designed to work entirely self-sufficiently and coordinated to suit the design needs.

7) jQuery and jQuery UI solutions



Standard use of advanced jQuery and jQuery UI solutions are applicable and must for PSD to HTML conversion. Whether you're involved in creating a high-end work or executing a simple task jQuery UI is the flawless choice.

8) Check out for cross-browser compatibility of your website



Complete cross-browser compatibility is yet another vital factor that needs to be paid attention to while converting the Markup for your website from PSD to HTML/CSS. You have to test the final website for smooth loading and operation in multiple web browsers. It will enable your users to have a constructive and intelligible experience no matter what their current setups are.

9) Testing and Validation



Real-time mobile and tablet device testing is very important part of PSD to HTML conversion. It also involves design per landscape and portrait viewing. When you have thoroughly converted the sliced PSD file into HTML, you will require to test the website and validate the required code. Code validation will flag up errors and will make sure that your web portal sees the standards set by the W3C (World Wide Web Consortium).

And We are **done Finally!**



PSD to HTML conversions are exponentially harder than a few years ago because they must be cross-browser and cross-device compatible....and seamlessly responsive.

If you ever need any help with your conversions, we have a team with engineers in our office who can team up with your own designers to create a picture-perfect layout for your design conversions. Just hand us a file, and in as little as 1 day we hand you a fully functional version that's been tested across all platforms and devices.



How eLuminous is creating value for Digital Agencies from 16 years in Front-End Development?



**Pixel-Perfect
Design**



**100% Hand
Coded Mark-up**



**Unique
Responsive Layout**



**W3C standard
PSD to HTML**



**Bootstrap,
Retina Ready
Designs**



**Quick
Turnaround Time**



Our Promise

100% Satisfaction Or Moneyback

We don't just make websites. We build targeted solutions that actually work, creating powerful user experiences that drive traffic, generate leads and ultimately, increase sales.

Some of our Latest Work Examples



Easy Wedding

Service provided:

- UI design
- PSD to HTML
- front-end development
- backend development



<http://www.easywedding.in/>



Koroga Party

Service provided:

- PSD to WordPress
- front-end development
- backend development



<http://korogaparty.co.uk/>



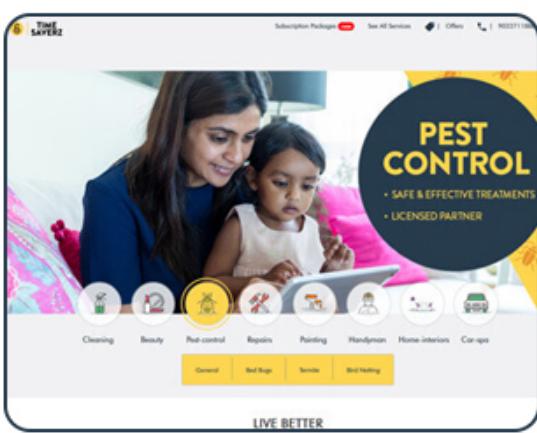
IC Markets

Service provided:

- PSD to WordPress
- front-end development
- backend development



<https://www.icmarkets.com/en>



Timesaverz

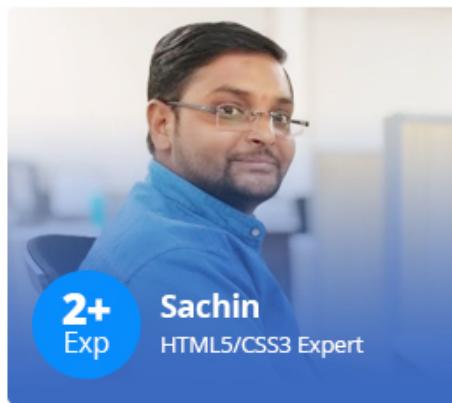
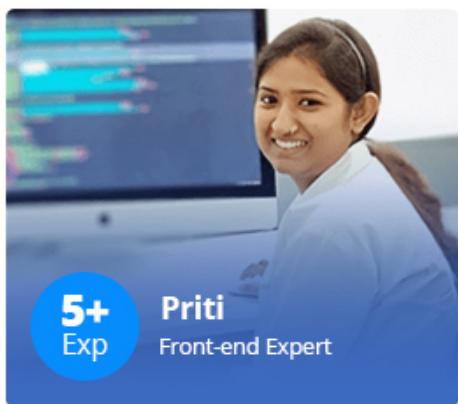
Service provided:

- PSD to HTML
- Pixel Perfect
- Responsive.



<https://www.timesaverz.com/>

Our Front End Nerds





Let's Get the Conversation Started



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Skype: eluminous_bde7



Website: www.eluminoustechologies.com



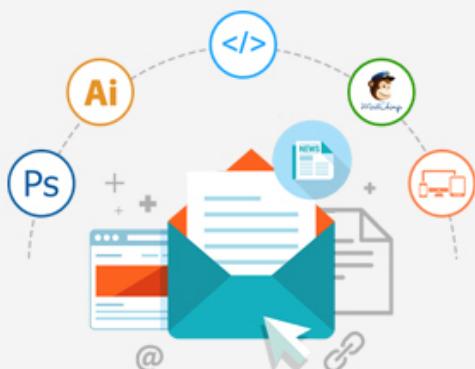
PSD/SKETCH to HTML5

Front End Development-Precise Coding of Your Designs



PSD to WordPress

Build Future-proof WordPress Websites



PSD to Email

Awesome Newsletters that make a Big Impact at any size