

DIGITAL PHOTOGRAPHY ImageReady Rollover Tutorial

By Bruce Philpott

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I'm going to assume a couple of things from the start to be sure we're on the same page:

1. Since you're looking at this tutorial I'll assume you have an interest in building web pages and know a little bit about HTML and the web, and
2. You know at least the basics of Adobe Photoshop and its Layers palette.

OK, you're still with us. If you have any questions as you move through this tutorial, just email me, theguy@brucephilpott.com, and please tell me *where in this PDF* your question arises and then ask away. I should be able to get back to you within a couple of days.

The Digital Photography forum has a fine navigation bar, but let's use it for our demonstration. We're going to put three new rollover images in the top navbar.

A rollover has "states." When you roll over the image, you see the "over" state. When you click on it, you see the "down" state. There are other states, but we'll stick with these for now. We could have chosen other "over" and "down" states like those at the right, but I kept it as simple as possible. You'll find it easy to think up your own states.

Normal State
(embossed here)



Popped up
(with drop shadow)



Outer Glow



I call this
"Trap Door"



Pillow Emboss
(Chisel Hard)



Often, people start out by wondering how large their image should be to fit on the web page. I have an easy shortcut for this: I make a screen capture: On Windows I press Print Screen (PrtSc), (On a Mac: Shift-Control-Command-3 [or 4]) then I open Photoshop and press control-N (for a New Document), press Enter (to accept these default numbers) and control-v which will Paste my captured image into this new document.

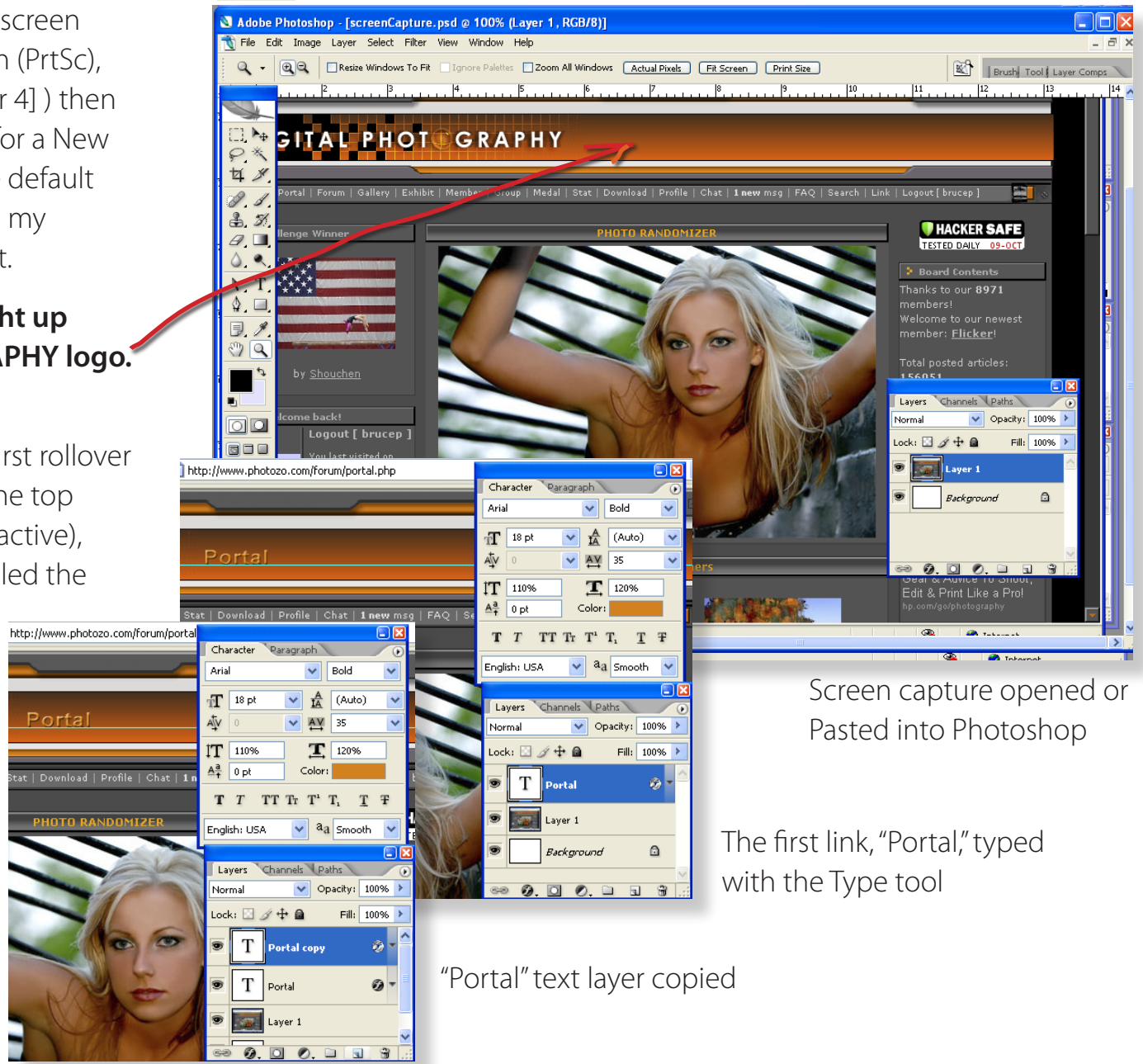
Let's put our new navigation links right up there next to the DIGITAL PHOTOGRAPHY logo.

I pull a guide line down from the ruler (control-r) and type in the word for my first rollover link: **Portal**. Then in the Options bar at the top of the screen (while the Type tool is still active), I choose my type style and color (I sampled the lighter orange/brown of that gradient bar).

You can do plain old text rollovers in HTML code, but our rollovers will be three "pictures" of the text: "Normal," "mouse over" and "mouse down."

Let's emboss this type: Go down to that "f" near the bottom left of the layers palette and drag down to bevel & emboss and choose some settings you like (with Preview checked).

You'll need to use the zoom tool, above, to better see these illustrations!



Screen capture opened or Pasted into Photoshop

The first link, "Portal," typed with the Type tool

"Portal" text layer copied

That completes our "normal" state of the "Portal" rollover. Let's make another rollover (bottom illustration on page 1).

Using your selection tool (black arrow), **Alt-Shift-drag** your "Portal" layer to the right (to create a *copy* of the layer which is lined up horizontally) so it's next to the old one. Now we'll edit the text on this new layer.

I used to find text editing in Photoshop difficult. I'd select a Text layer and select the Text tool and attempt to edit the text, and invariably create a new text layer I didn't want! Here's what you have to do: After selecting the layer and selecting the text tool, I have to guide the text cursor (I-beam) to the correct spot right over the type. See my "I-beam" icon in the left of these two "Forum" examples on the right?

*It has **brackets** around it; it doesn't "know" it's over the text. As I guide the icon over the text, I watch for the brackets to disappear, as in the right example, see? Now I can edit the text!*

Edit your "Portal" to read "Forum." This completes your second rollover's "normal" state. Alt-shift drag "Forum" further to the right and edit this (third type layer) new layer to say, "Gallery." Now you have the "normal" state for all three rollovers!

In CS2 you can just select multiple layers and type control-g. In earlier versions you'll have to create a new folder (folder icon at the bottom of the layers palette) and drag your three type layers into it. However you can, create a "group" or "folder" containing the three "normal" rollovers.

Drag your folder to the "New layer" icon (next to the trash can in the layers palette). The three layers in this new folder will become your "over" states. Drag your *new* folder to the "New layer" icon, making three

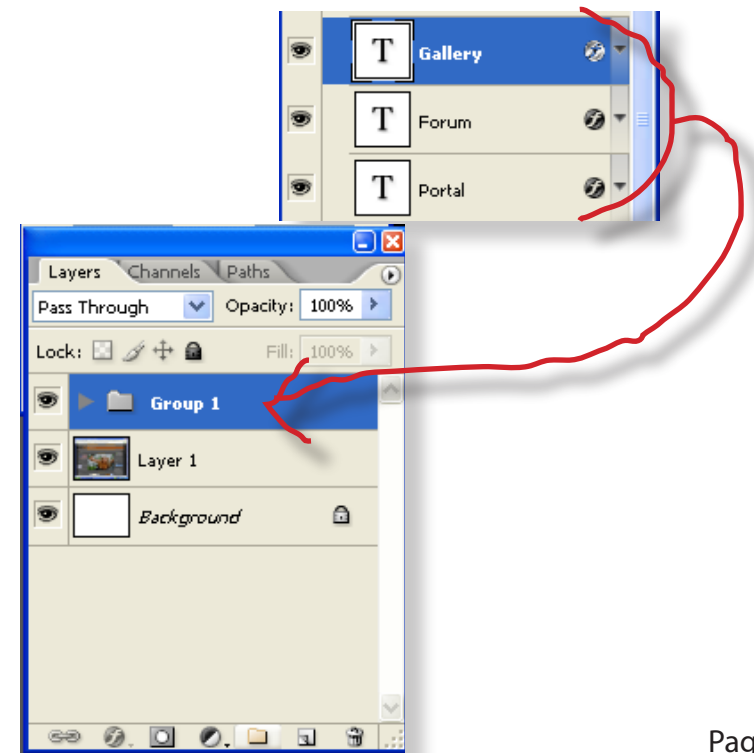
Zoom in!



I-beam **not** ready to edit this text.



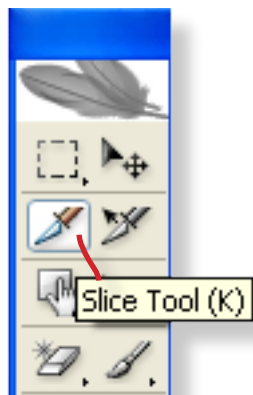
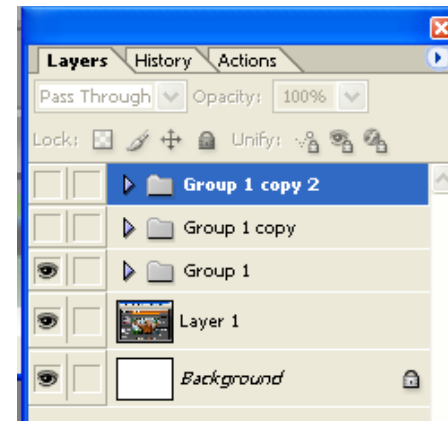
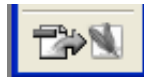
This one **is** ready to edit this text. Note the brackets are gone.



folders in all, containing identical layers (*for now!*). That last folder will become the “down” states.

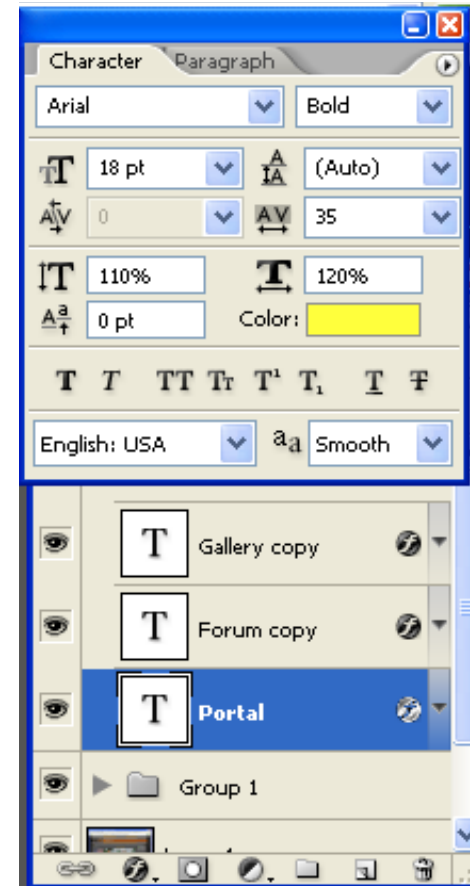
In the middle folder, edit each layer so that the type is yellow. In the top folder, edit each type layer so that it’s white.

Now we have nine different layers in three folders. ***It’s time to take the leap to ImageReady!*** At the very bottom of your Photoshop Tool bar, you’ll find a shortcut to ImageReady. Click it, and this Photoshop document will open in ImageReady.



In ImageReady, using the Slice tool, make a slice (marquee) around Portal, another one around Forum and another around gallery (as shown below). Notice I accidentally overlapped two slices. I’ll go back with the Slice Select tool (next to the Slice tool, with the little arrow) and adjust the borders so they don’t overlap.

Each slice will be a rollover. Now let’s tell the rollovers what we want them to do.



If I mention a palette you don't see on your screen, go up to Window and drag down until you see it and click on it to make it appear.

As you create these slices, give an appropriate name to each slice in the Slice Palette, and assign it the URL (web page name) you want it to link to when somebody clicks on it. For "Target," if it's within this site, choose "_self;" if it's linking to another site, I choose "_blank." Your "Alt" tag will show up even if the image doesn't appear, and (unlike the image) is "readable" by the reading machines used by visually impaired people. (Alt tags also raise your Search Engine ranking.)

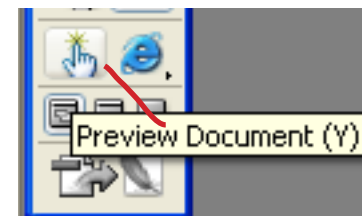
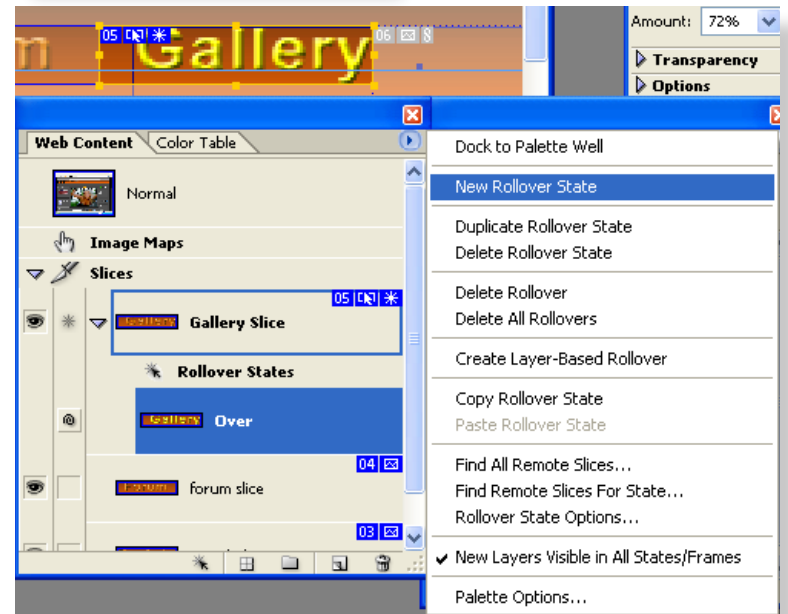
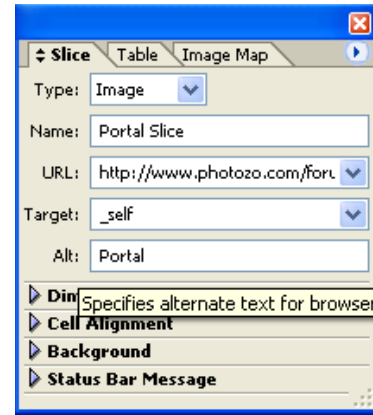
Make sure (in this "Normal" state) that all of your rollovers are the "normal" color... that only that first folder of layers is showing on your image.

Now, click on a slice in the Web Content palette and go to the upper right (options triangle) and click to open it and select **New Rollover State** (notice it calls this one Over).

In the Layers palette, turn on the layer (for that slice) that's the "over" color. Now repeat this: Make *another* New Rollover State (notice it calls this one Down) and turn on the "down" color layer.

Now you have one complete rollover! Select the next slice and create two new rollover states for it and show the appropriate layers and then go on to the the third slice and create two new rollover states for that slice. All of your rollover states are done! Now let's test it!

Third from the bottom in your Tool bar is a pointing finger which will allow you to preview the behavior of your rollovers. Click on it, and run your mouse over your image. Hopefully it works! Now test it in your browser: Click on the icon (in this case I've chosen Internet Explorer) next to the Preview tool.



I've used the crop tool to crop out the rest (non-rollover) of the image, but look at my preview at the right. It allows me to test the rollovers and their links *for real!* Beneath my rollovers is all the html code and JavaScript it generated for me!

Thank you ImageReady!

We're not quite done, though. Close your browser window and go to File and select Save Optimized As... and save it in your web site folder. If you don't already have a folder within it called Images, ImageReady will make one for you. Otherwise it'll put your sliced images in *your* Images folder. In this Save dialog box you get to name the file, too. Now you can open the file in whatever web editor you use and cut & paste this code into any web page you create.

Cut & Paste everyting from (including)

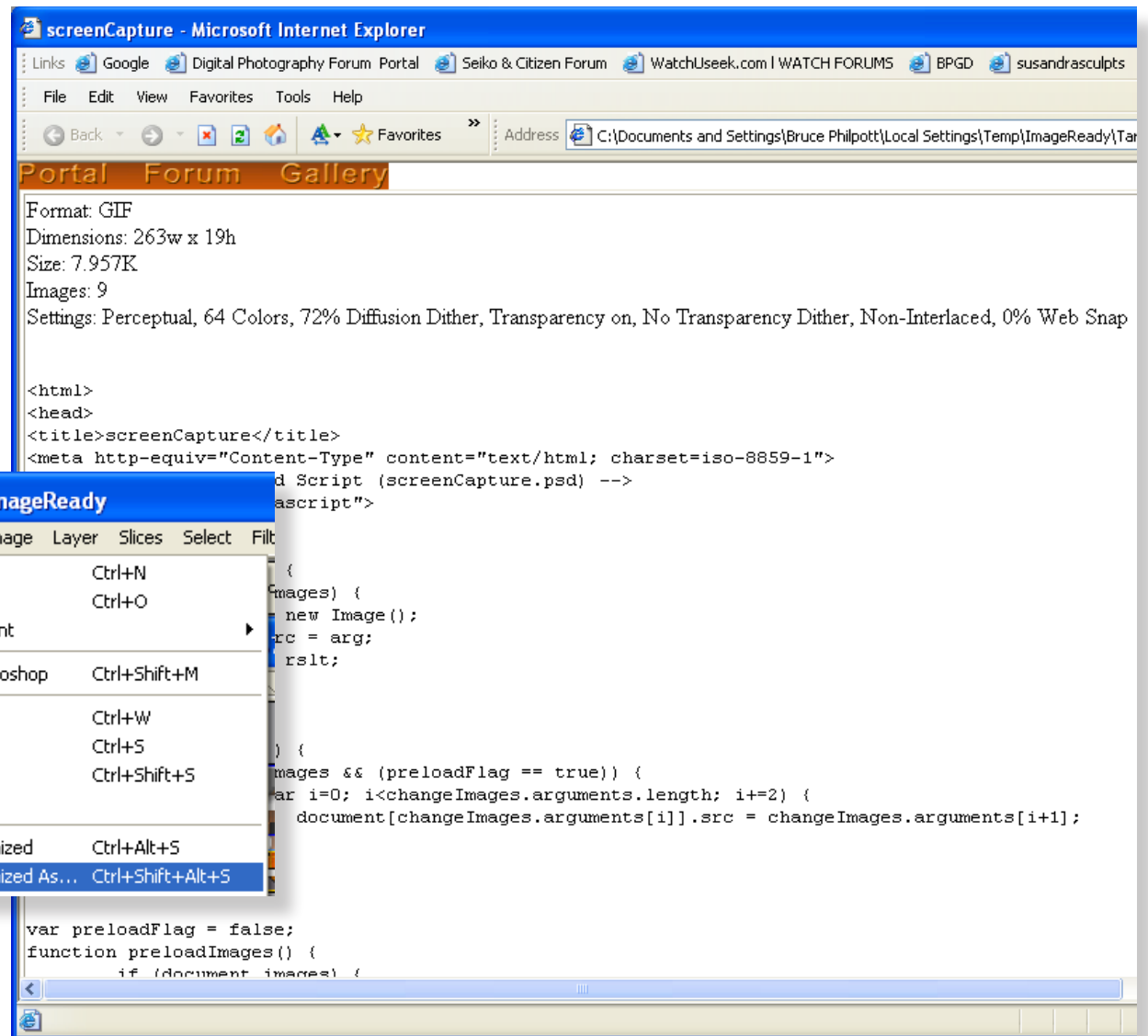
```
<!-- ImageReady Slices (yourFileName.psd) -->
```

all the way to (and including)

```
<!-- End ImageReady Slices -->
```

One final "Must":

You have to go to the <body> tag ImageReady created and copy and paste the `onload="preloadImages();" ;"` into the body tag of the web page into which you're pasting this navbar.



On the next page you'll find links to some other examples of my rollovers on the internet.

Can a navbar look like this?
See it "live" at
<http://brucephilpott.com/photos>
(You'll find more of my tutorials here)



What kind of navbar might
the sculptor of rusty metal use?
See it "live" at
<http://susandrasculpt.com/considering.htm>



Two navbars, each with it's own kind of
rollover on one home page?
See it "live" at
<http://cbtoolgroup.com/>

The screenshot shows the home page of The C.B. Tool Group. At the top left is a blue logo with the letters 'CB'. To its right, the text reads 'The C.B. Tool Group' in large white letters, with 'Distributors of Fine Professional Machinery' underneath. Below the logo, it says 'Visit our four locations:' followed by two logos: 'C.B. Tool & Supply Headquarters San Jose, CA' and 'Sacramento Machinery Co. Sacramento, CA'. To the right of these logos is a vertical list of services: 'Machinery', 'Power Tools', 'Accessories & Supplies', 'Leasing', and 'Used Machinery'. On the far right is a photograph of industrial machinery, including a large metalworking machine and a smaller blue machine labeled 'INVICTA'.

Questions? Email me, theguy@brucephilpott.com,
and please tell me *where in this PDF* your question
arises and then ask away. I should be able to get
back to you within a couple of days.