

HTML + DREAMWEAVER LINKING FILES

USER INTERFACE DESIGN

UI Design 2

Steps

Design the Site

- Flowchart
- Sketches of All Pages

Prepare the Images:

- Research
- Edit
- Save Optimized Images

File Management

- Organize and Properly Label files

Implement Site

- HTML?
- Dreamweaver
- Code x Design? Both
- Create New HTML File
- Save as index.html
- Insert Image
- Edit Page Properties
- Create Map Areas
- Add Links
- Save File

Develop Site

- Save As index page as page2.html
- Substitute Images as Needed
- Edit Links and Hot Maps
- Save file.
- Save as page2 as page3.html
- Substitute Images as Needed
- Edit Links and Hot Maps
- Save file.
- Continue as needed.

HTML?

HTML = HyperText Markup Language is a text and image formatting language used by web browsers to dynamically format web pages. It consist of “tags” surrounded by angle brackets and is not considered a language per se.

HyperText means text in the HTML document carries a link to a different location.

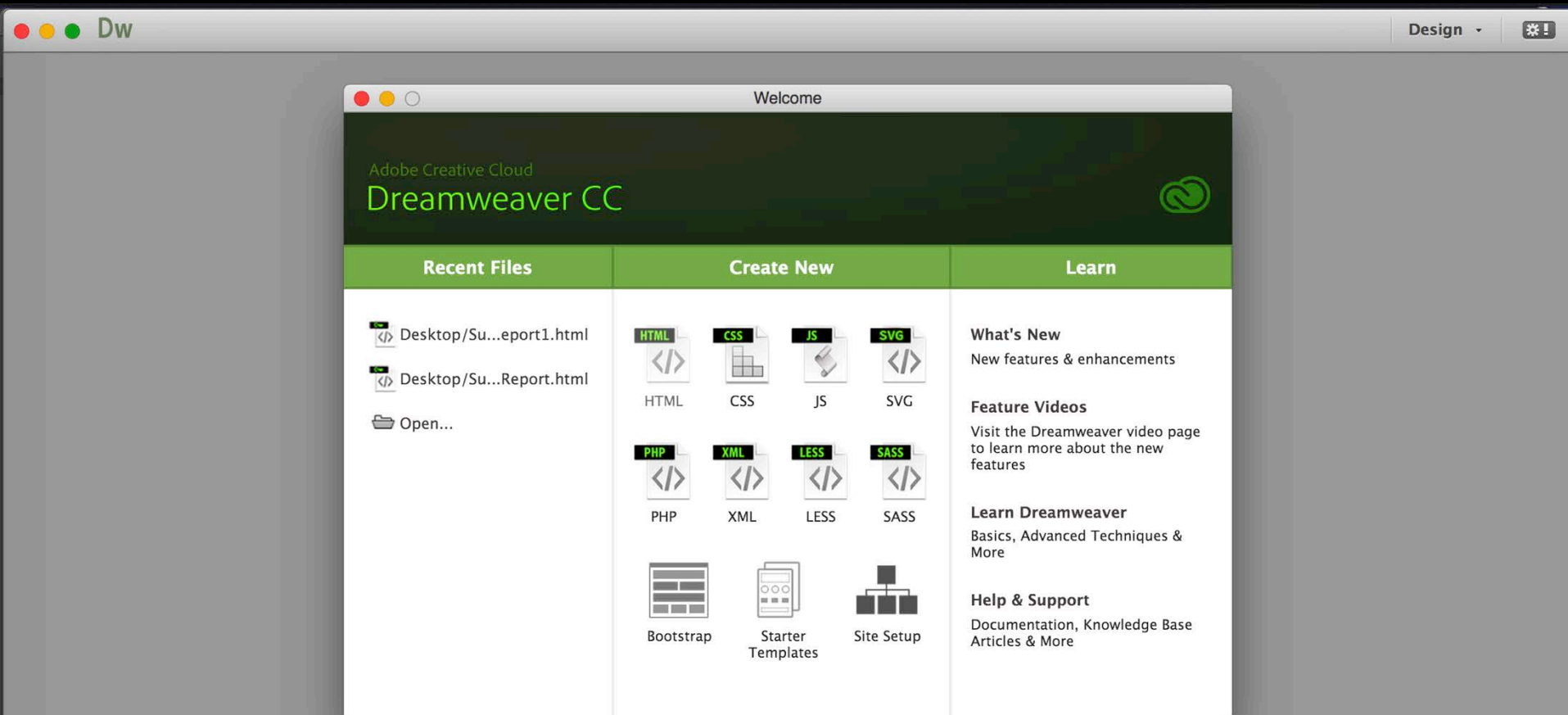
Markup means that specific portions of a document are marked up to indicate how they should be displayed in the browser.

```
<!doctype html>
<html>
  <head>
    <title>UI Design</title>
  </head>
  <body>
    <p>Hello World!</p>
  </body>
</html>
```

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Dreamweaver Interface

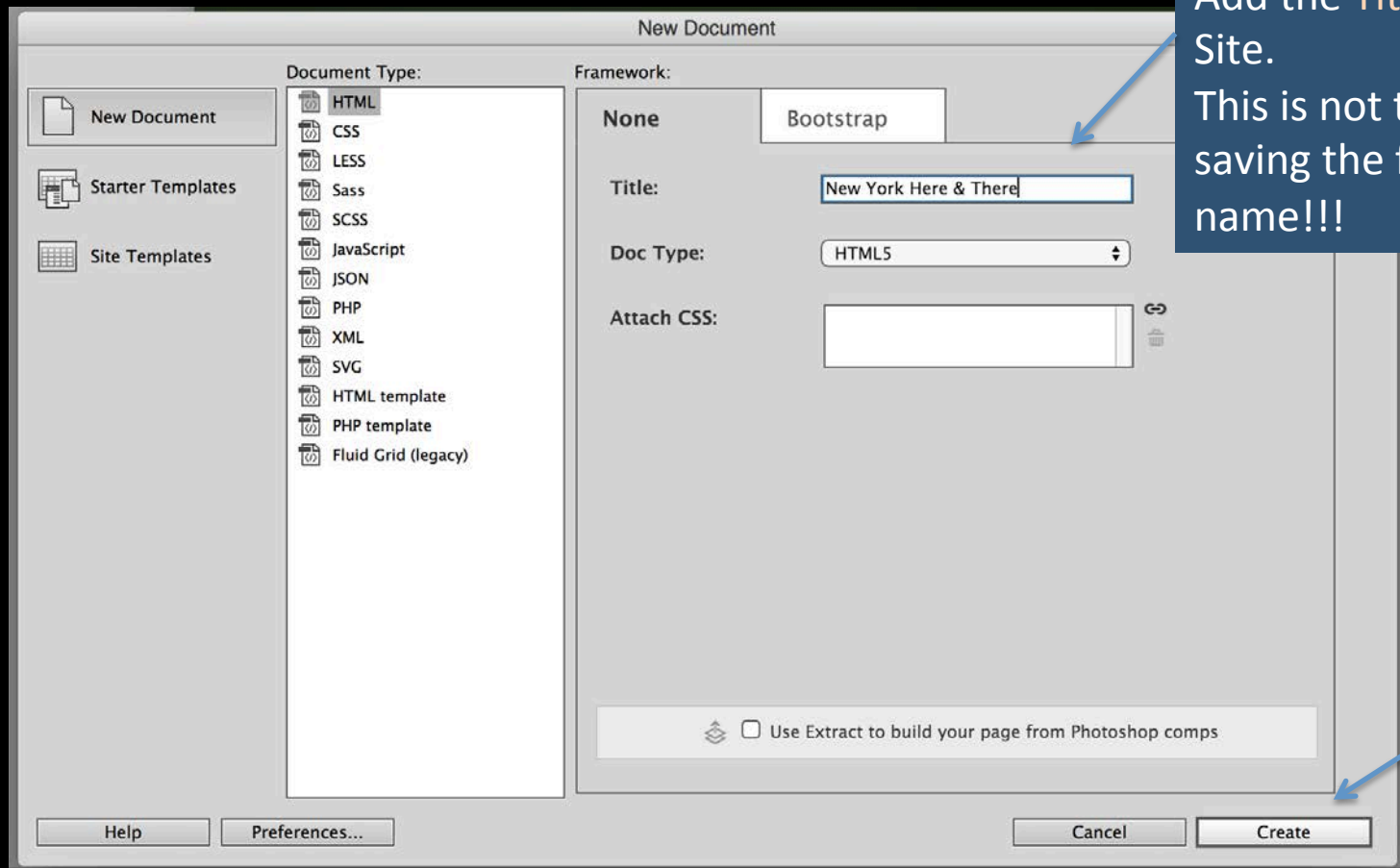
Open Dreamweaver and Create New HTML File



UI Design 7

Dreamweaver Interface

Complete the New Document **Title** and click on **Create**



Add the **Title** of Your Site.

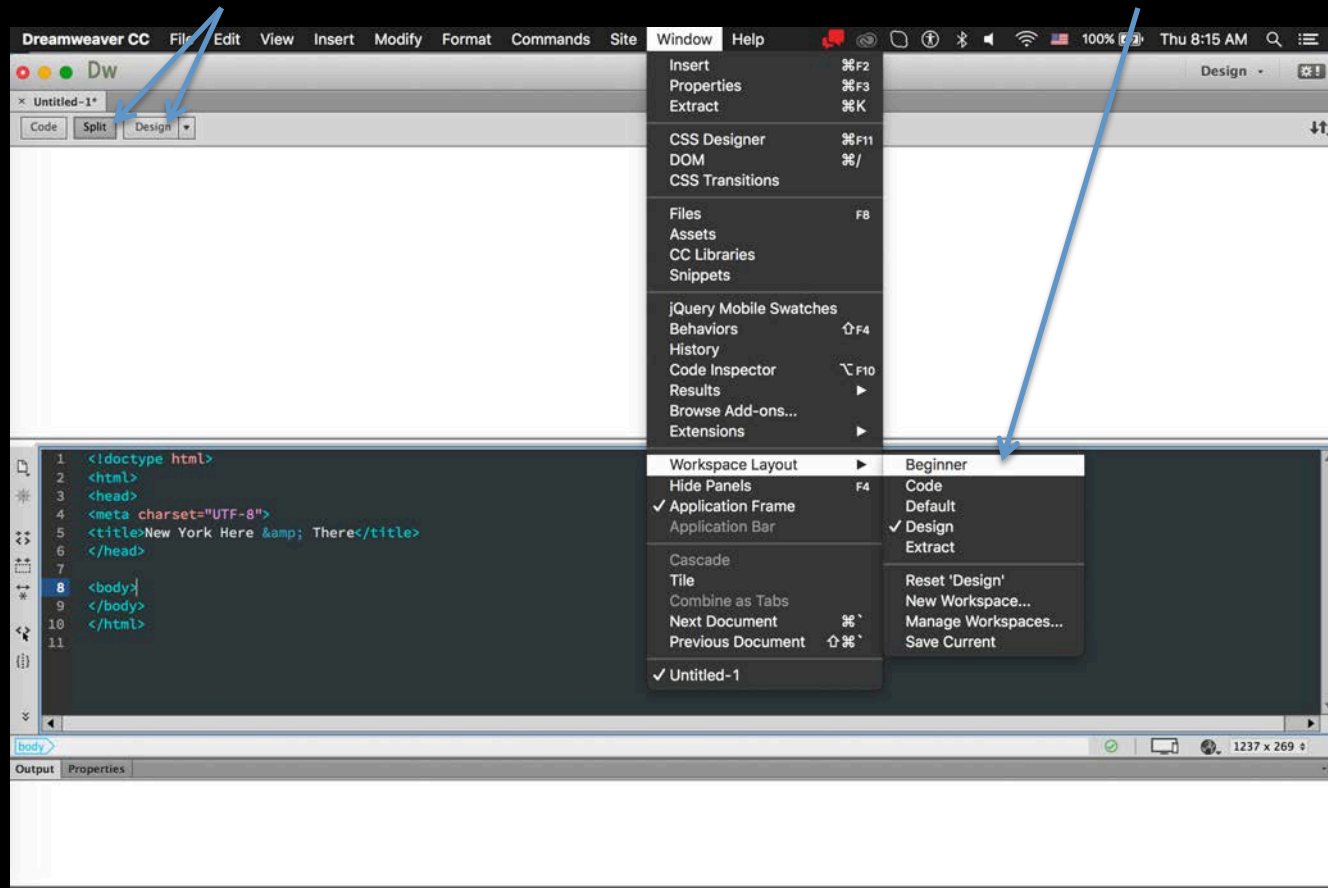
This is not the same as saving the file with a name!!!

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Dreamweaver Interface

Dreamweaver opens with an Untitled document.

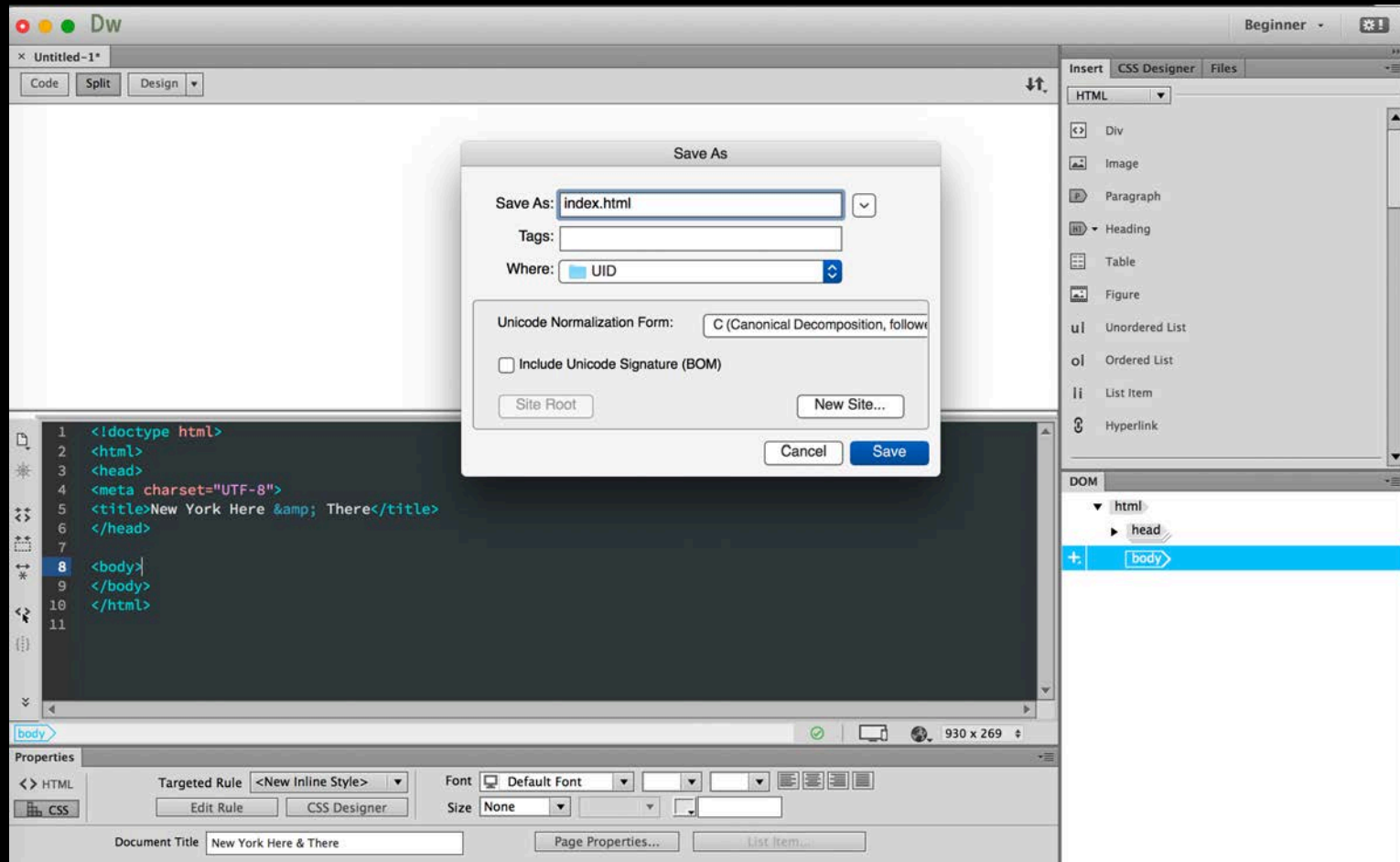
- Choose **Split** view – Code + Design
- Define the workspace going to **Window/Workspace Layout/Beginner**



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Dreamweaver Interface

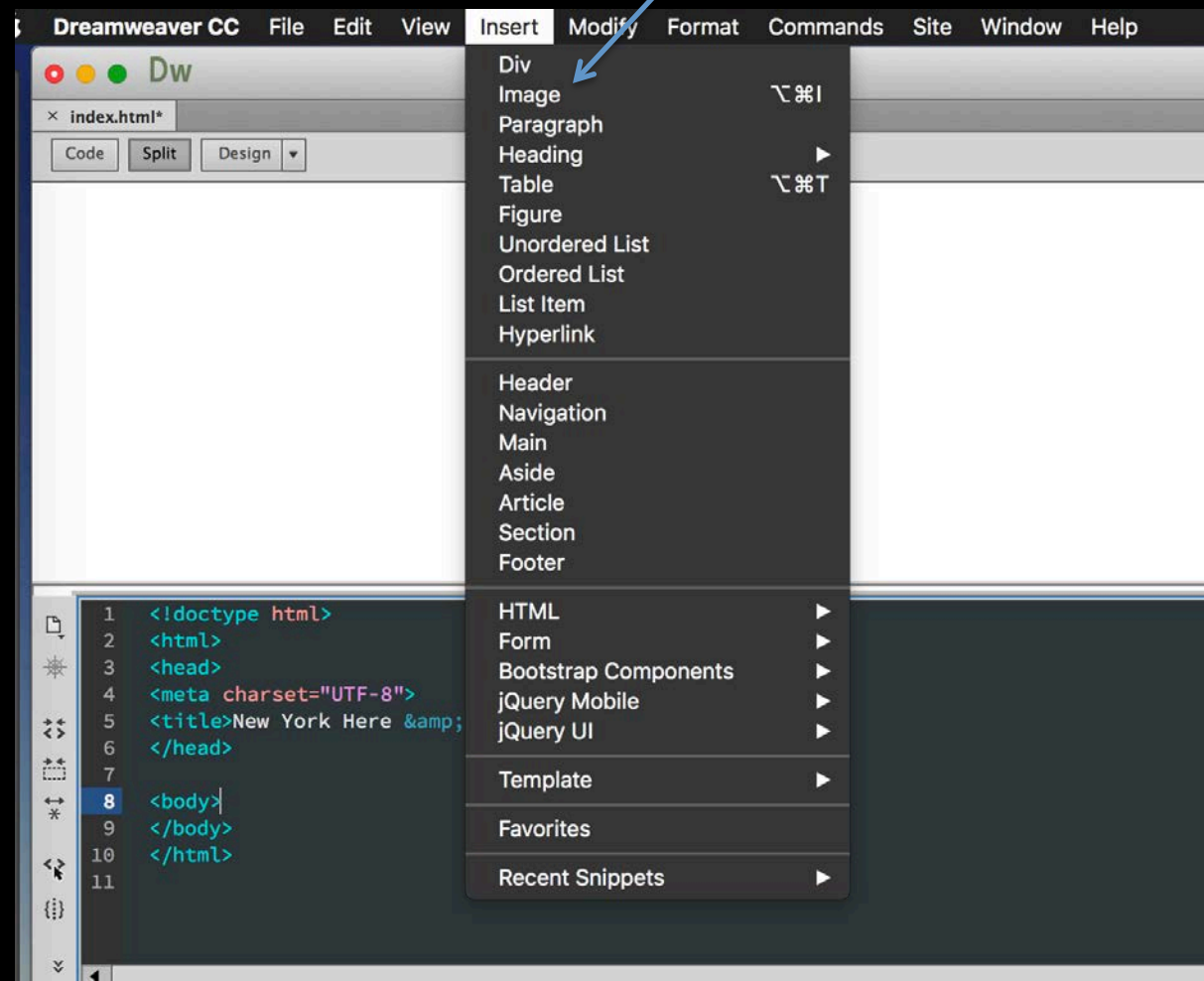
Save the Untitled document as index.html.
Make sure you save the file in the same folder you have your images.



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Dreamweaver Interface

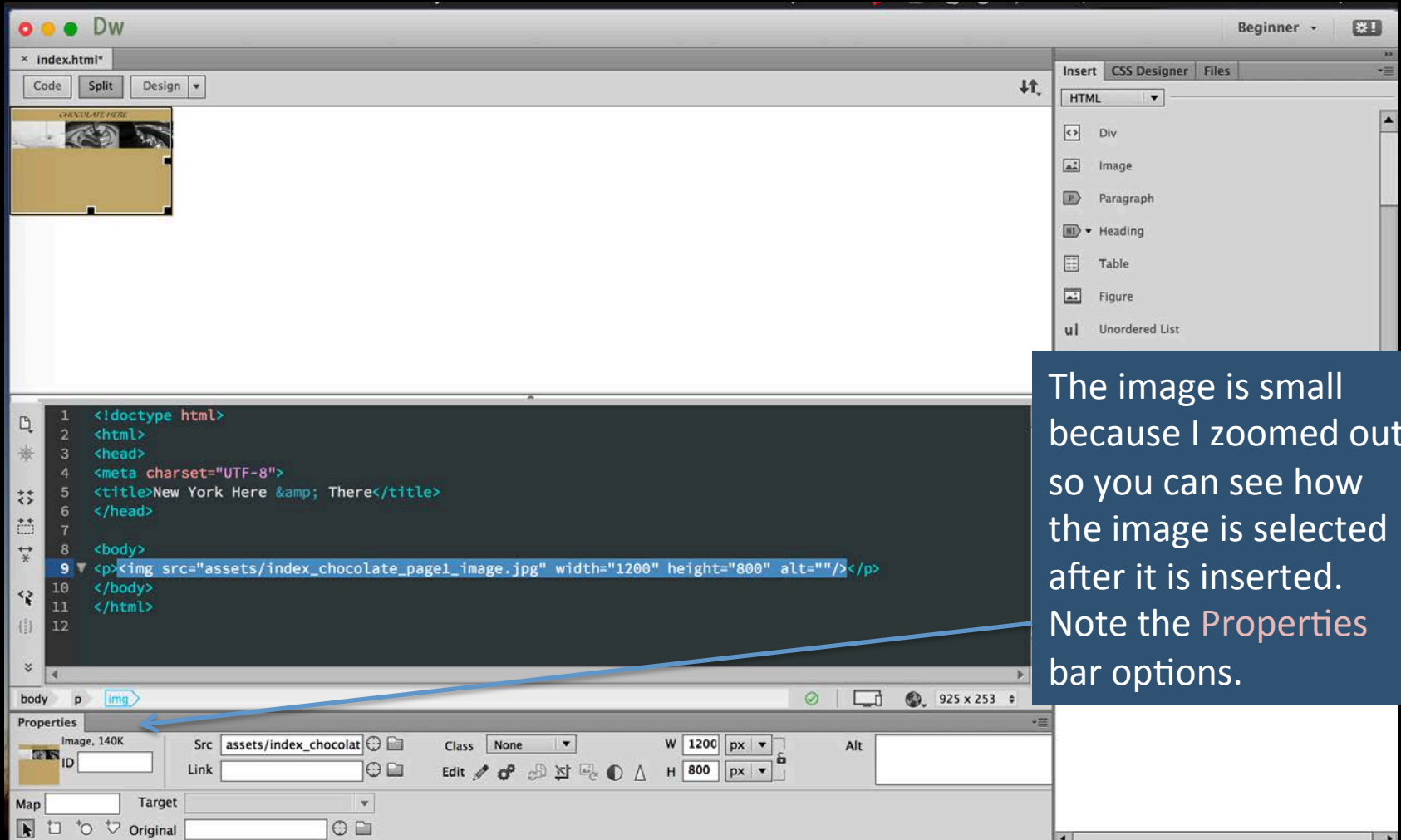
Insert the first image going to the menu [Insert/Image](#) which should be in the folder assets



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Dreamweaver Interface

Image is inserted in the document.



The image is small because I zoomed out so you can see how the image is selected after it is inserted. Note the **Properties** bar options.

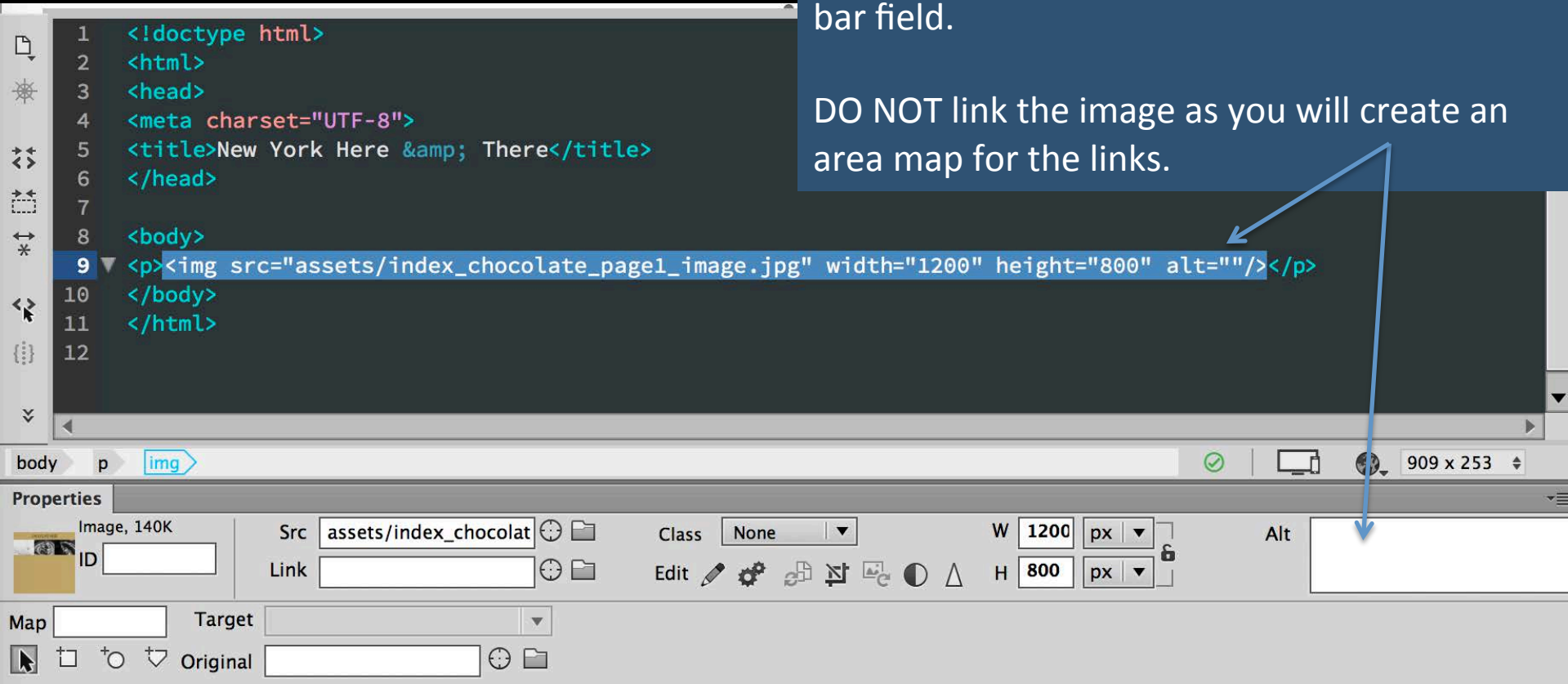
UI Design 12

Dreamweaver Interface

Note the Properties available for image.

Add an alternative (**alt**) name describing your image either by typing in between the brackets in the code area or in the **Properties** bar field.

DO NOT link the image as you will create an area map for the links.

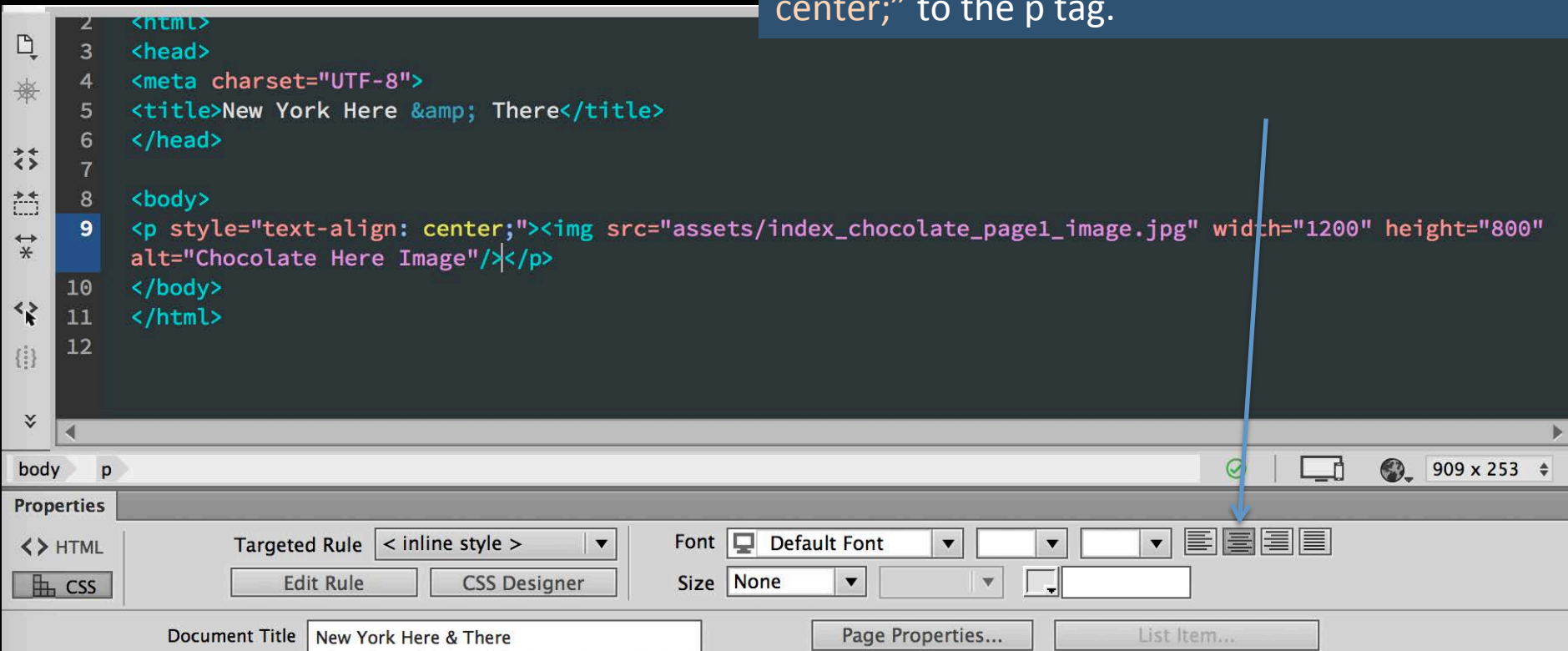


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Dreamweaver Interface

Deselect the image by clicking anywhere outside the image area to center align the elements in the document.

Without having the image selected click on the center align icon or add `style="text-align: center;"` to the p tag.



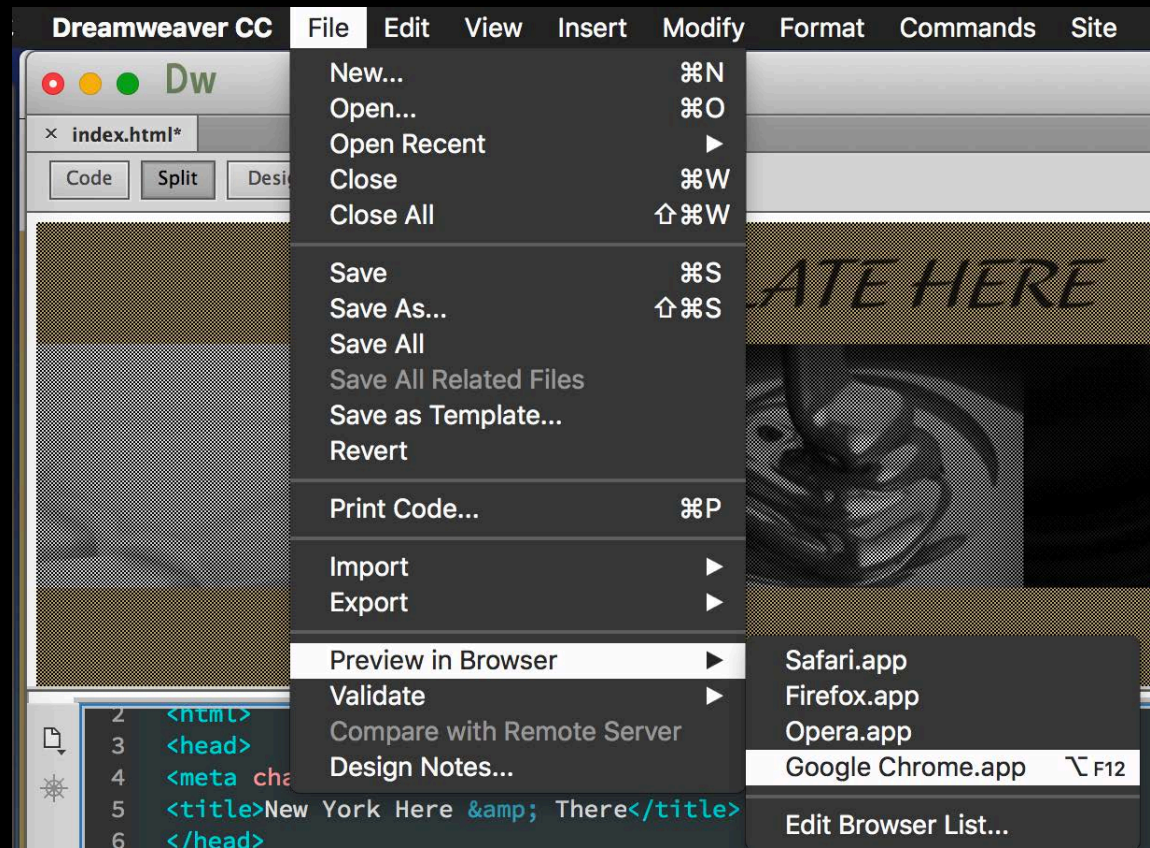
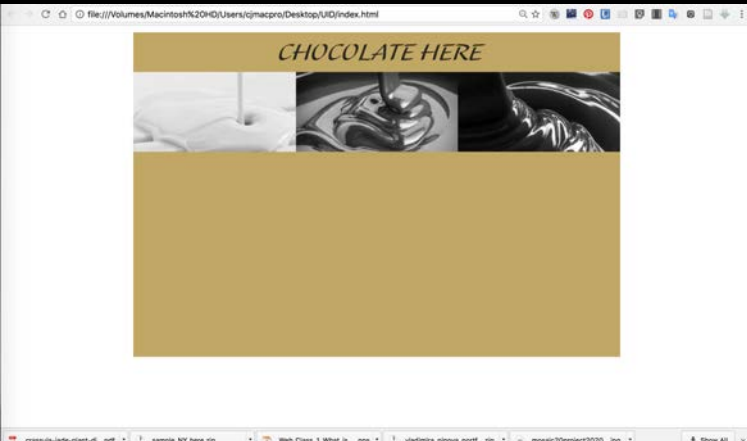
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Dreamweaver Interface

SAVE YOUR DOCUMENT

CHECK YOUR SITE

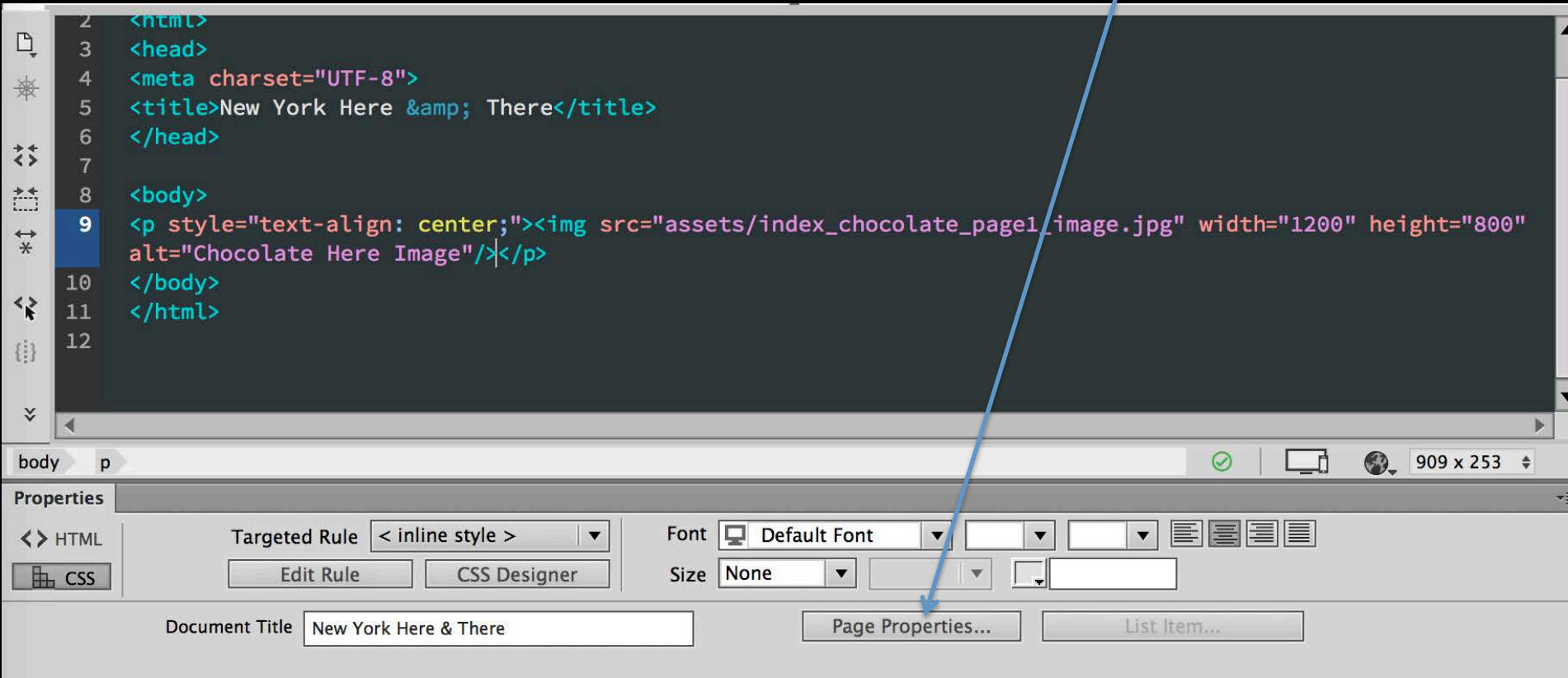
File/Preview in Browser/Choose browser



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Dreamweaver Interface

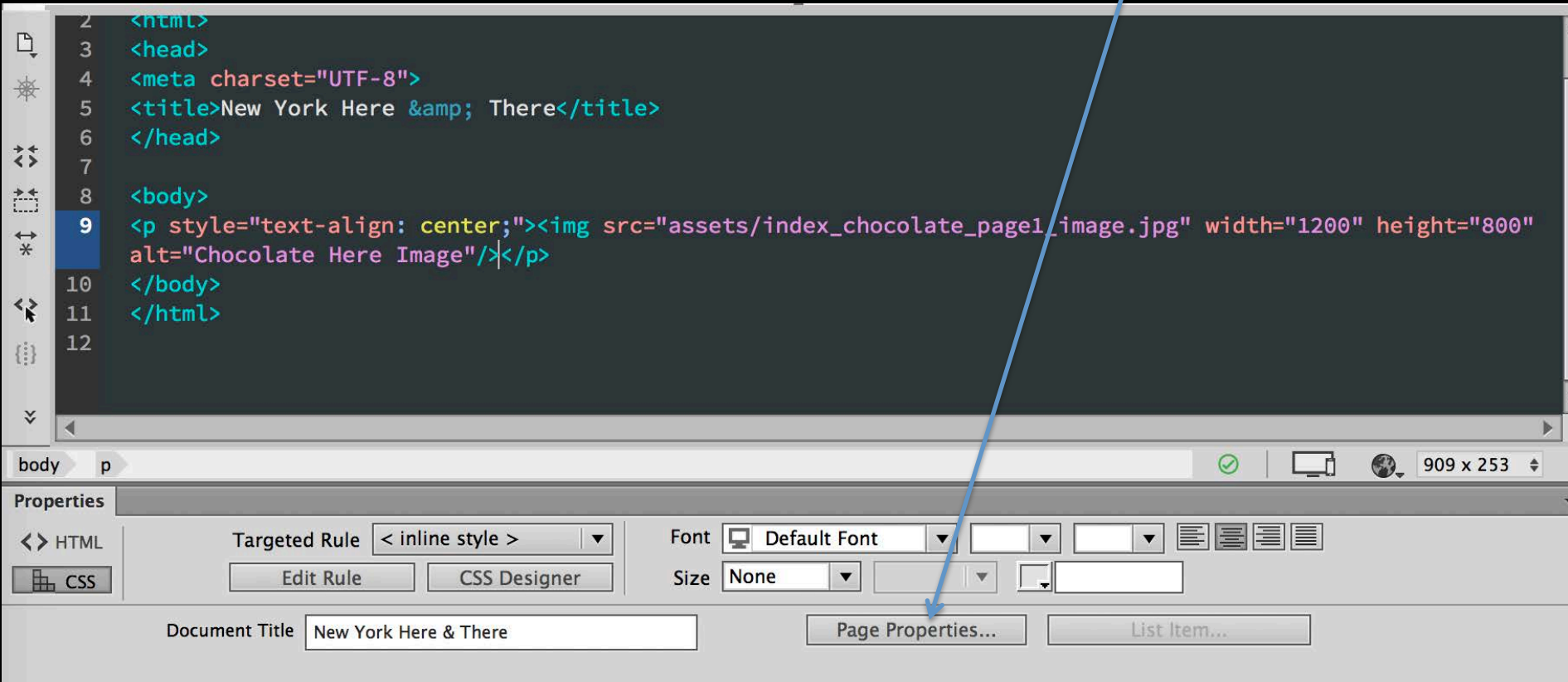
Next, still without selecting the image, click on the button Page Properties to change the background color of your document to match your image.



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Dreamweaver Interface

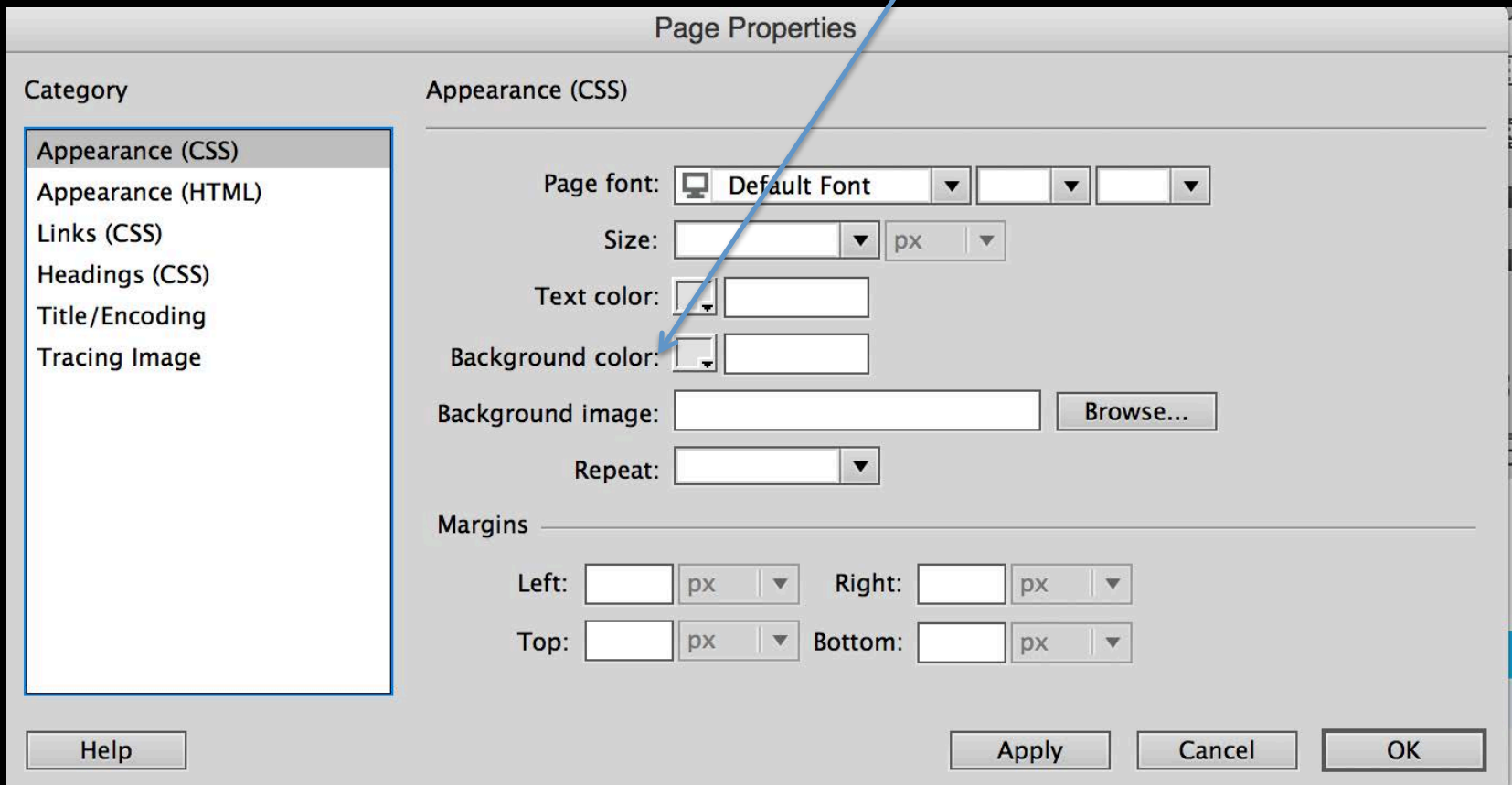
Next, still without selecting the image, click on the button **Page Properties** to change the background color of your document to match your image.



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Dreamweaver Interface

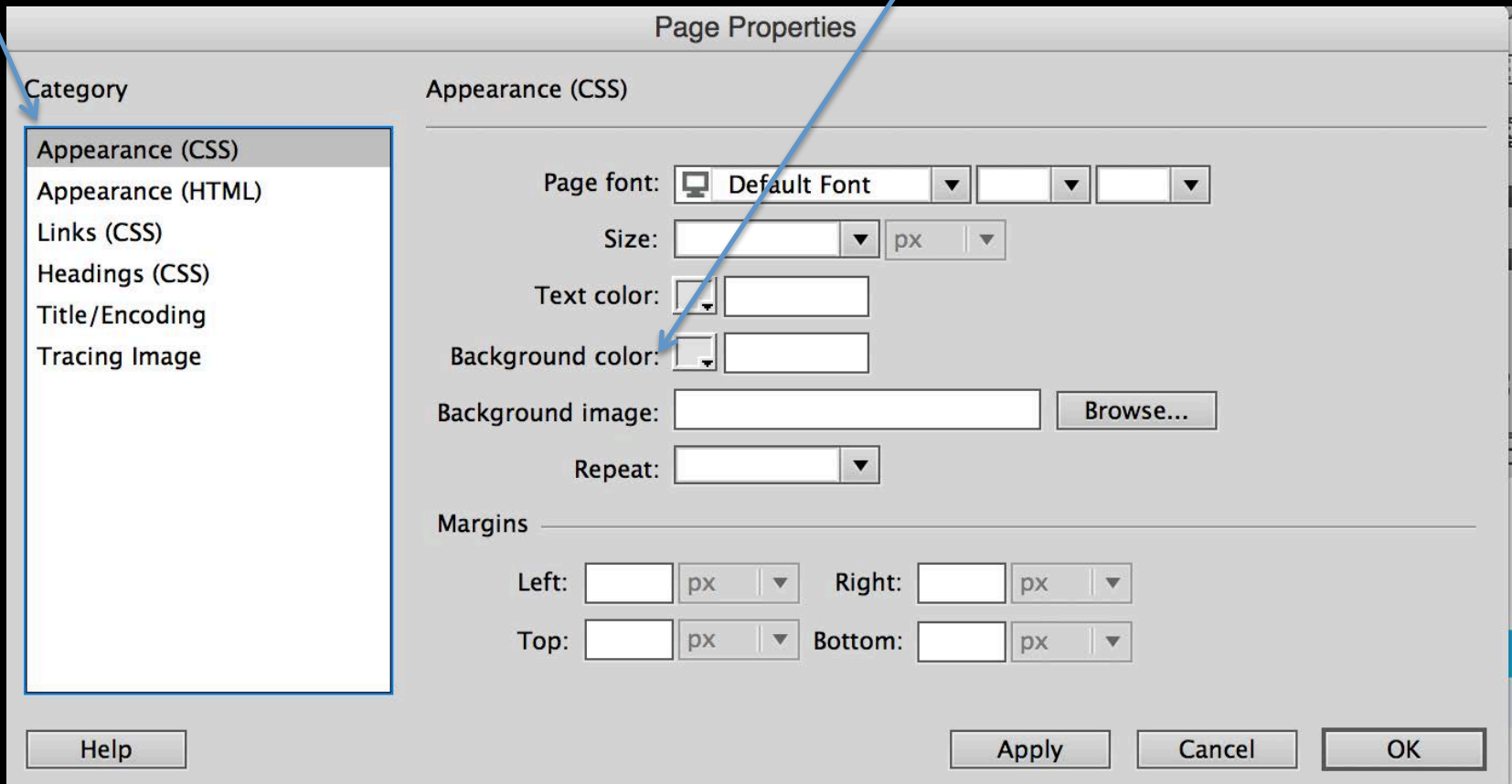
The **Page Properties** dialog box appears. Click on **Background color** to choose the color.



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Dreamweaver Interface

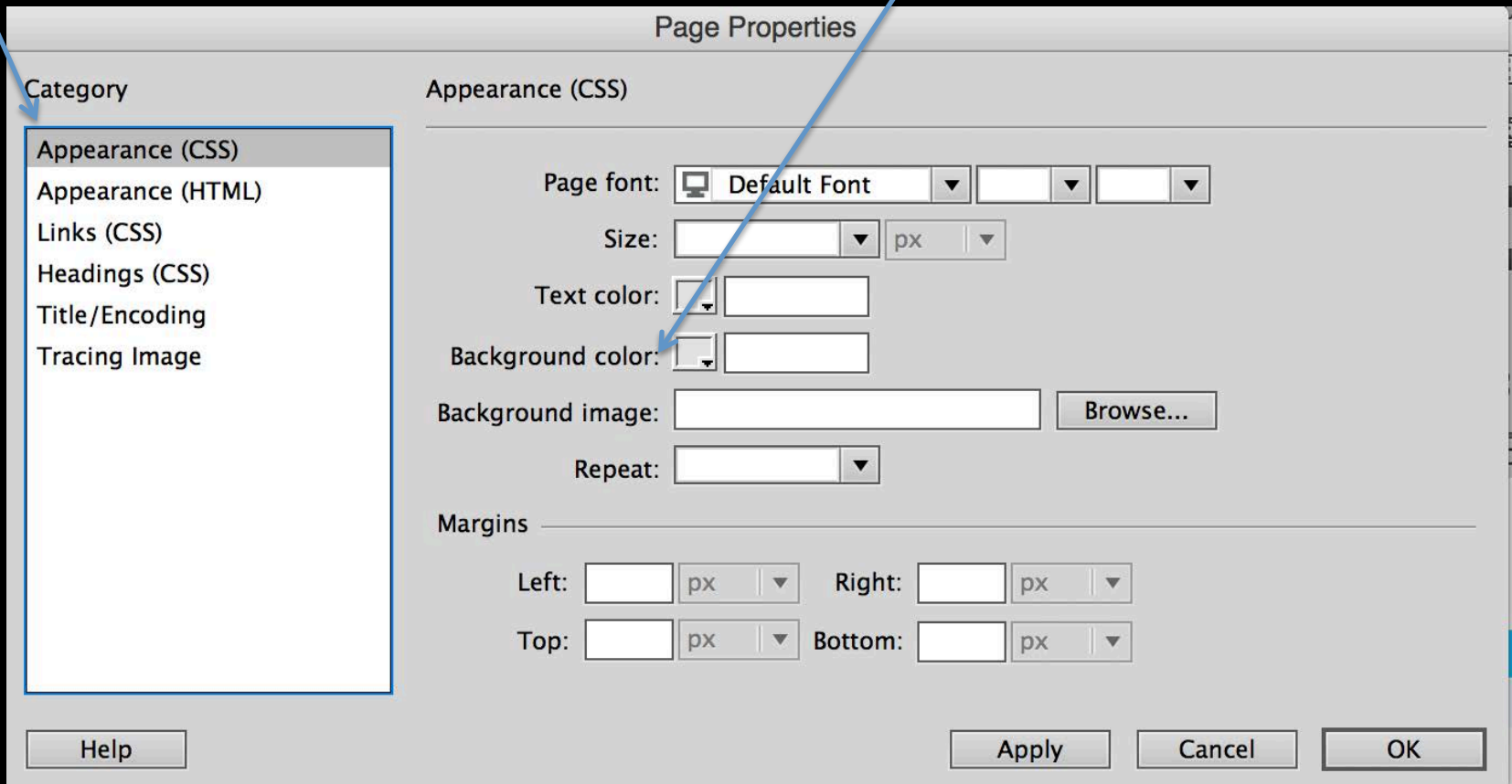
The **Page Properties** dialog box appears. Click on **Background color** under **Appearance CSS** to choose the color.



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Dreamweaver Interface

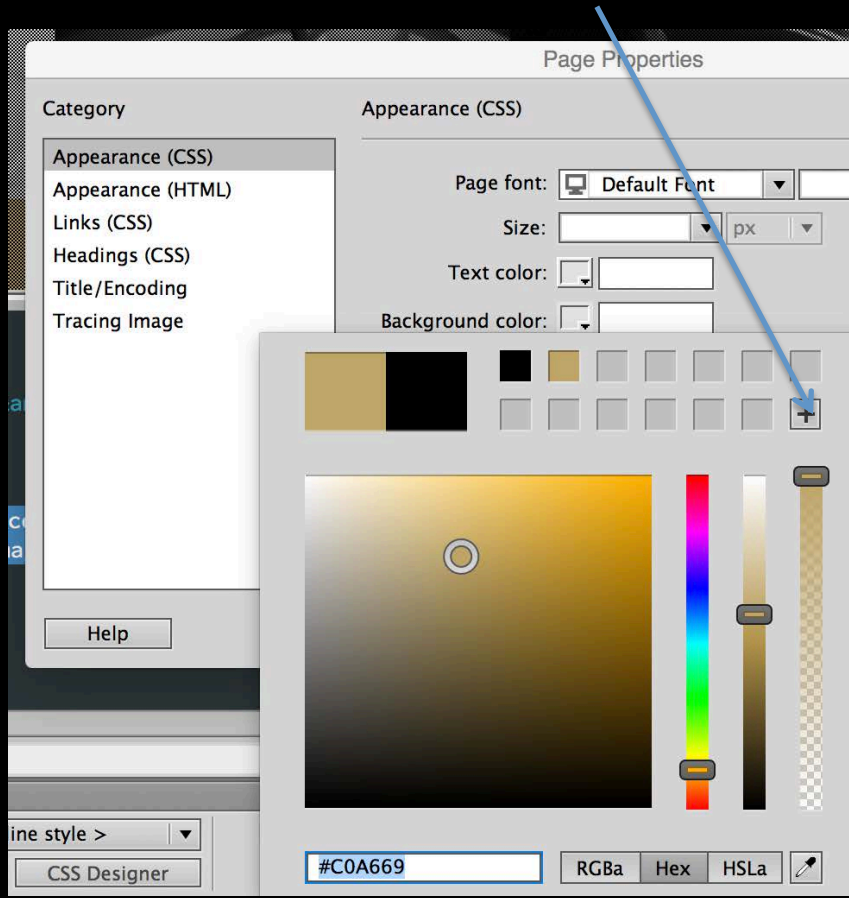
The Page Properties dialog box appears. Click on Background color under Appearance CSS to choose the color.



UI Design 20

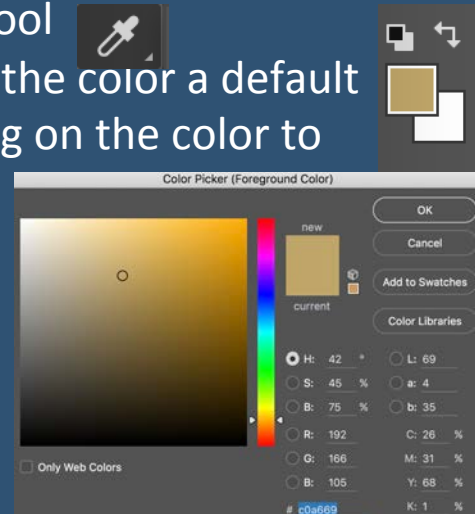
Dreamweaver Interface

A color selection dialog box appears. Choose the color either by dragging the sliders or by typing in (pasting) the hex code. Click + to add the color.



In this example I added black and a golden color as I experimented with both. I decided to go with the golden color.

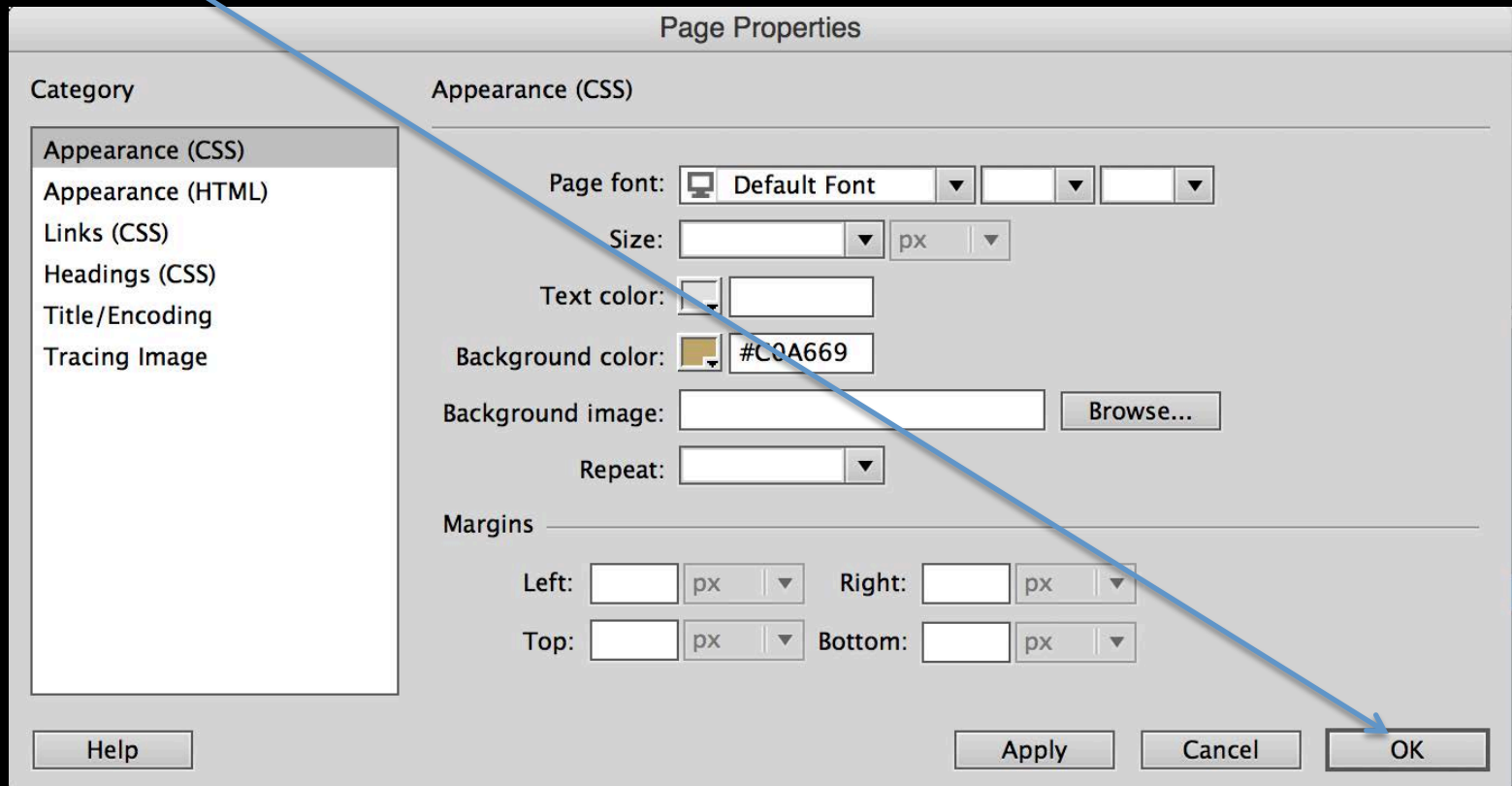
I got the hex value from Photoshop by clicking on the color with the Eyedropper tool which makes the color a default and by clicking on the color to see its value in the Color Picker.



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Dreamweaver Interface

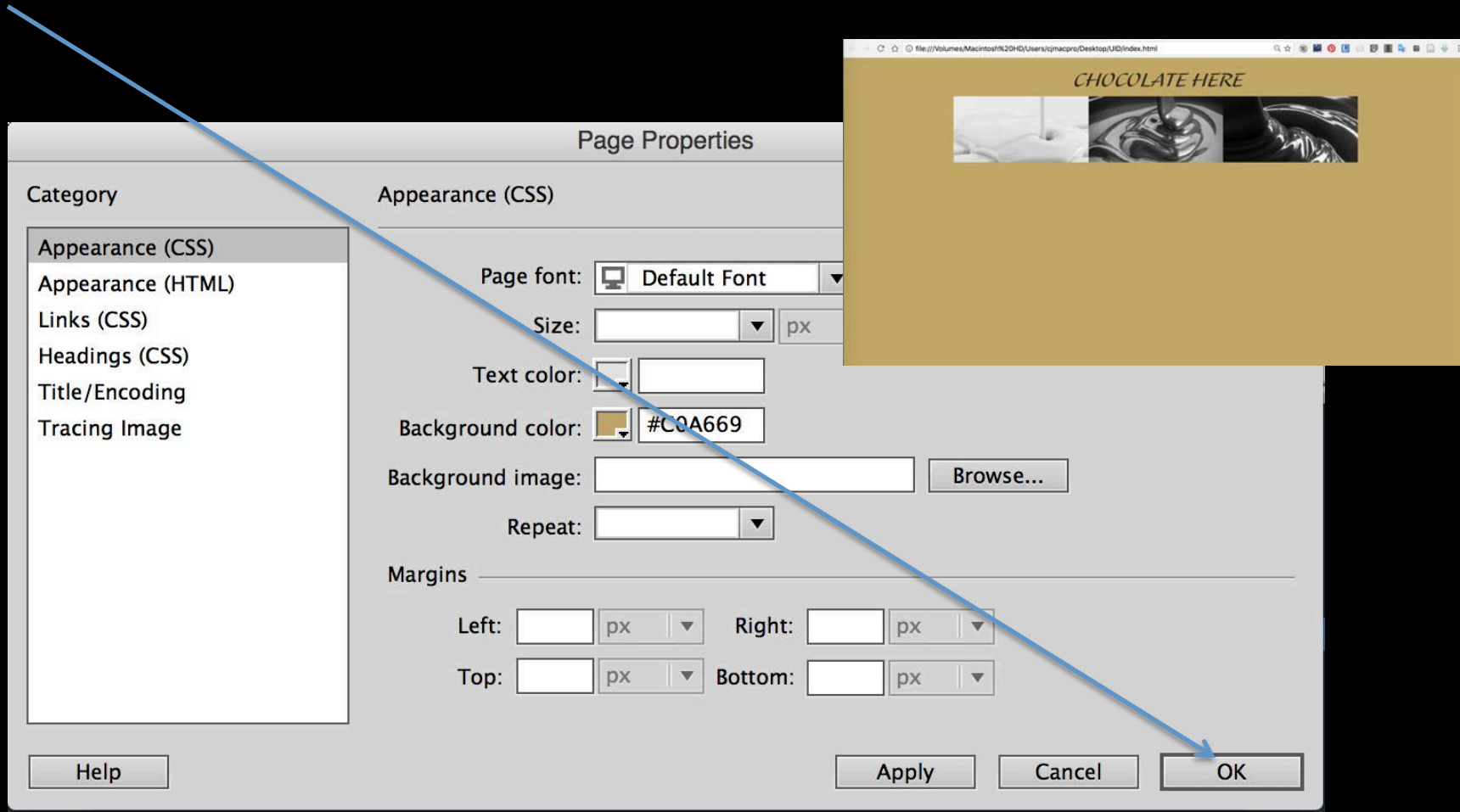
Click **OK** to add the color. Check the code. Save and Preview your document on the web.



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Dreamweaver Interface

Click **OK** to add the color. Check the code. Save and Preview your document on the web.

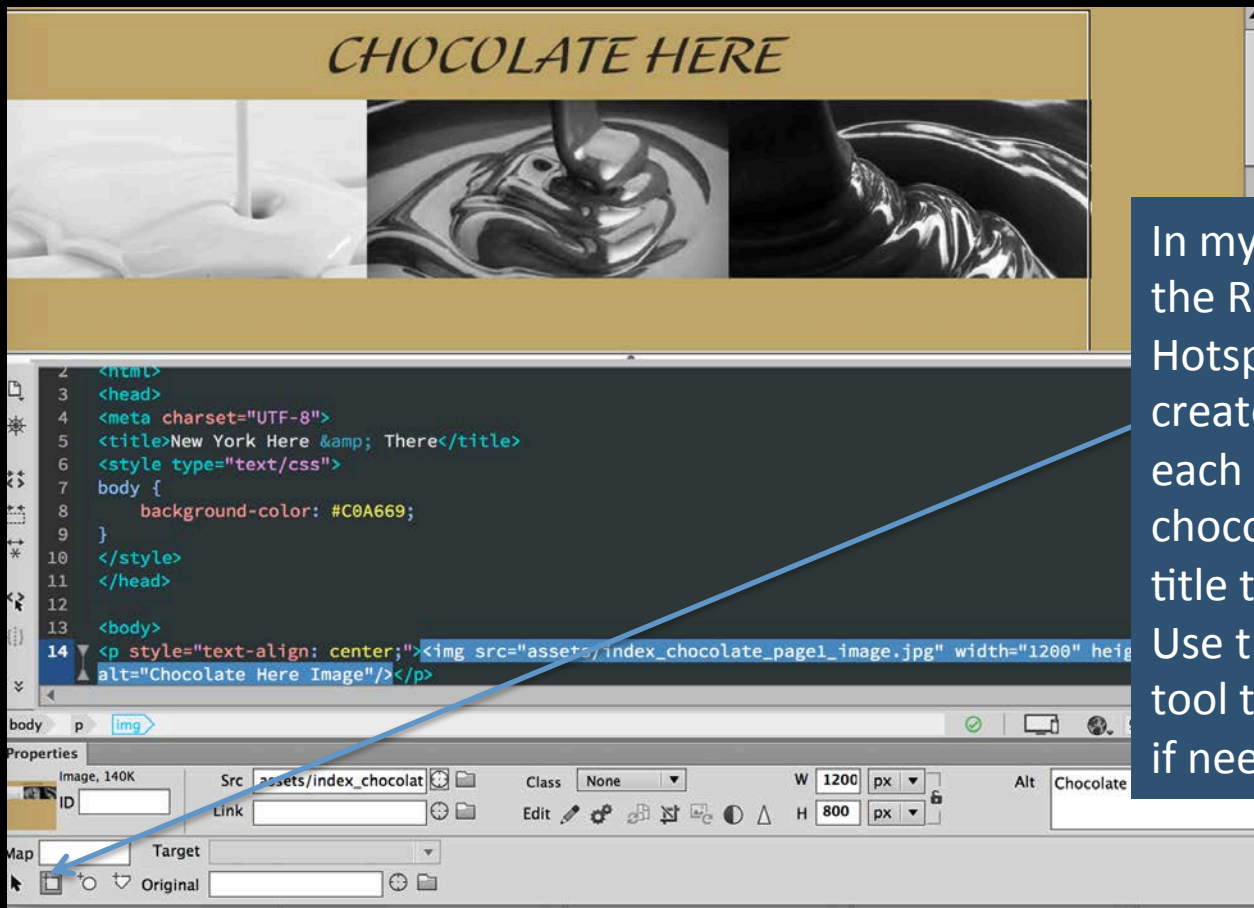


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Dreamweaver Interface

Now let's **Map** the **Hotspot** areas that will be use to link the pages.

Select the image to change the **Hotspot** tool options in the **Properties** bar and choose the type of map you will like to use.



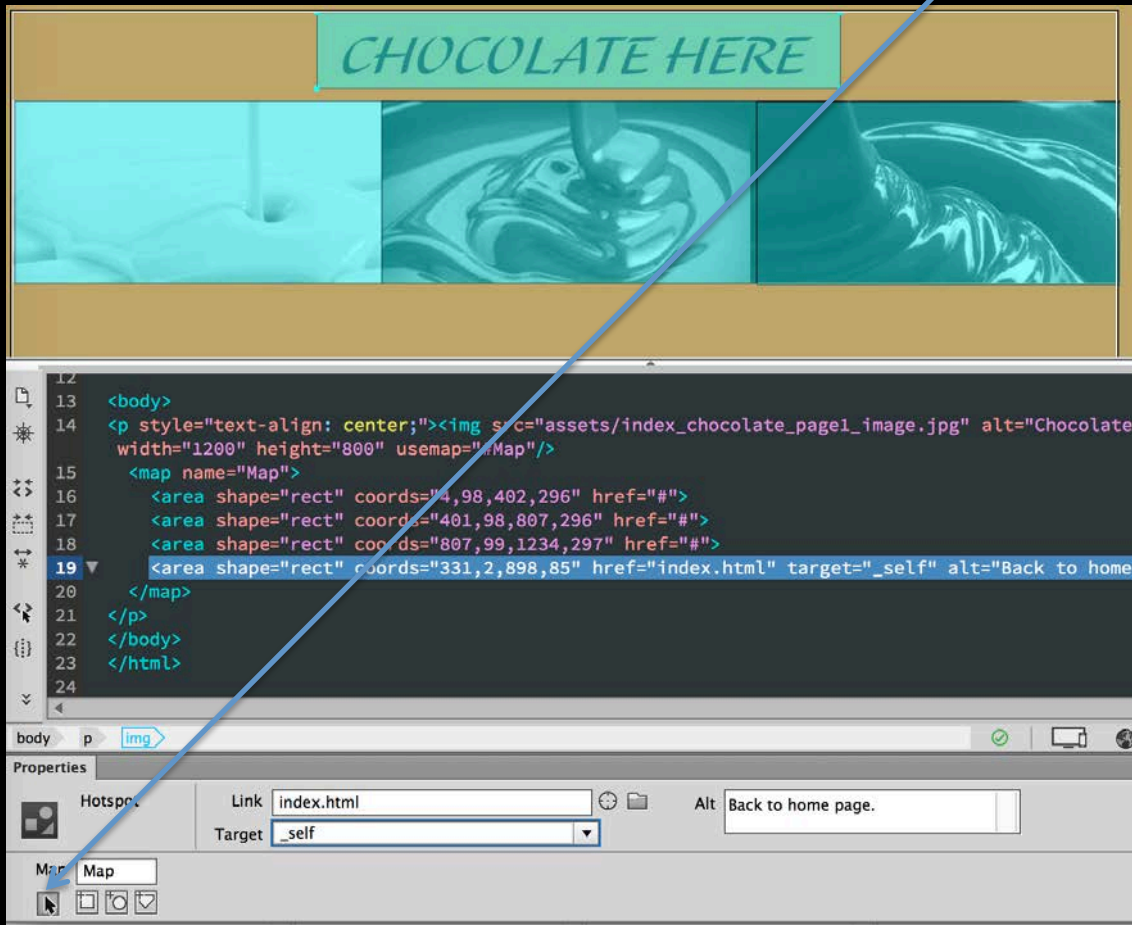
In my case I am using the Rectangular Hotspot Tool and I will create a rectangle for each image of the chocolate and for the title text. Use the Select Hotspot tool to edit the shapes if needed.

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Dreamweaver Interface

Save the file!

Add the links by selecting the hotspot area with the **Select Hotspot** tool by inputting the link info into the field **Link**. Add also the **Alternative** description and the **Target** window.



In this demonstration I am linking the page titles to the index page and each of the images to their respective pages. Even though I haven't created the other pages yet, I can create the links using the file names I will give to the new pages:

- Page2_white.html
- Page3_milk.html
- Page4_dark.html

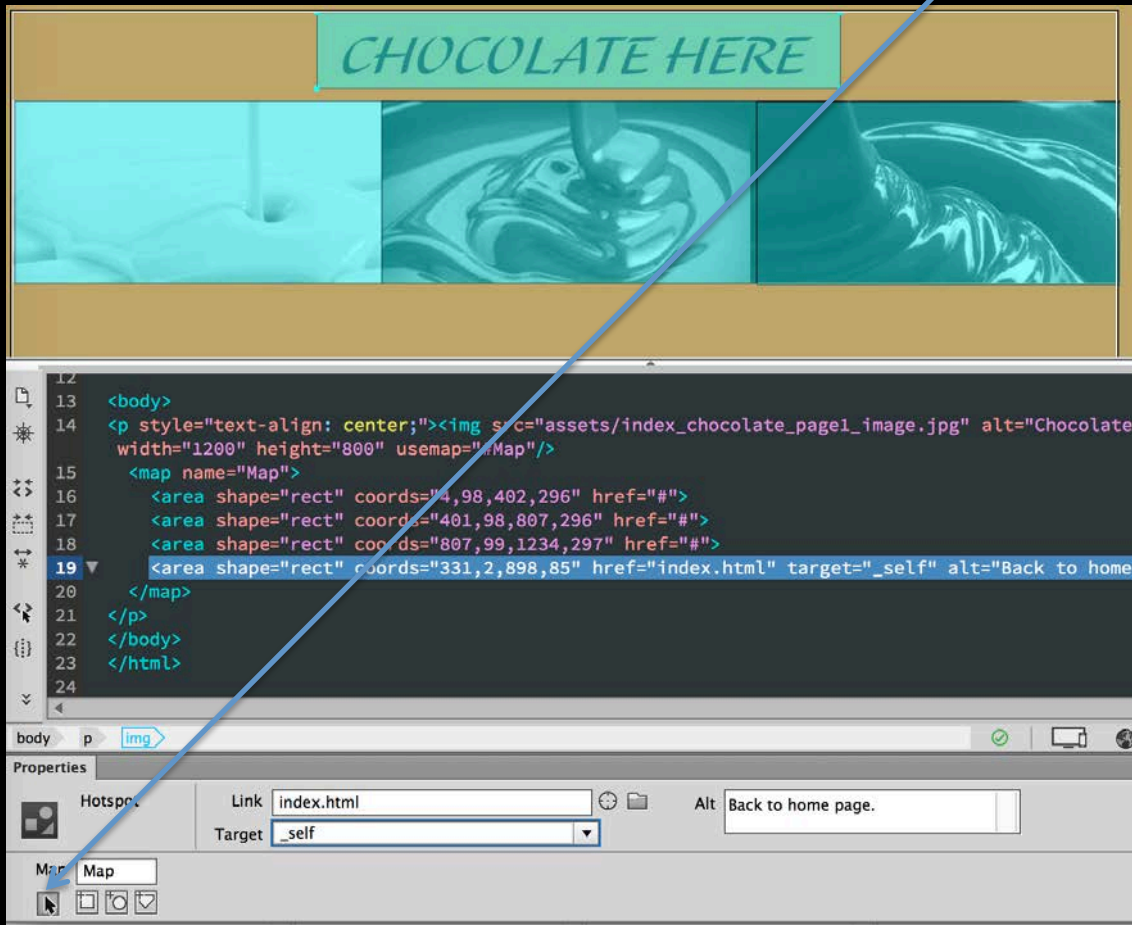
I am using Target "self" because I want the current page to be substituted by the link page once clicked.

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Dreamweaver Interface

Save the file!

Add the links by selecting the hotspot area with the **Select Hotspot** tool by inputting the link info into the field **Link**. Add also the **Alternative** description and the **Target** window.



In this demonstration I am linking the page titles to the index page and each of the images to their respective pages. Even though I haven't created the other pages yet, I can create the links using the file names I will give to the new pages:

- page2_white.html
- page3_milk.html
- page4_dark.html

I am using Target "self" because I want the current page to be substituted by the link page once clicked.

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Dreamweaver Interface

Save and preview the file

The image displays the Adobe Dreamweaver interface, showing the Code view of an HTML file named `index.html`. The code defines a page layout with a header, a main content area, and a footer. The header contains the text *CHOCOLATE HERE*. The main content area features a large image of chocolate being poured, which is divided into three sections by a map. The footer contains a navigation menu with links to `page2_white.html`, `page3_milk.html`, `page4_dark.html`, and `index.html`.

The interface also shows a preview of the page, which is a yellow background with the text *CHOCOLATE HERE* and a large image of chocolate being poured. The preview is displayed in a browser window titled `file:///Volumes/Macintosh%20HD/Users/cjmacpro/Desktop/UID/index.html`.

```
12 <body>
13 <p style="text-align: center;">
15   <map name="Map">
16     <area shape="rect" coords="4,98,402,296" href="page2_white.html" target="_self" alt="There | White
17     Chocolate">
18     <area shape="rect" coords="401,98,807,296" href="page3_milk.html" target="_self" alt="There | Milk
19     Chocolate">
20     <area shape="rect" coords="807,99,1234,297" href="page4_dark.html" target="_self" alt="There | Dark
21     Chocolate">
22     <area shape="rect" coords="331,2,898,85" href="index.html" target="_self" alt="Back to home page.">
23   </map>
24 </p>
25 </body>
```

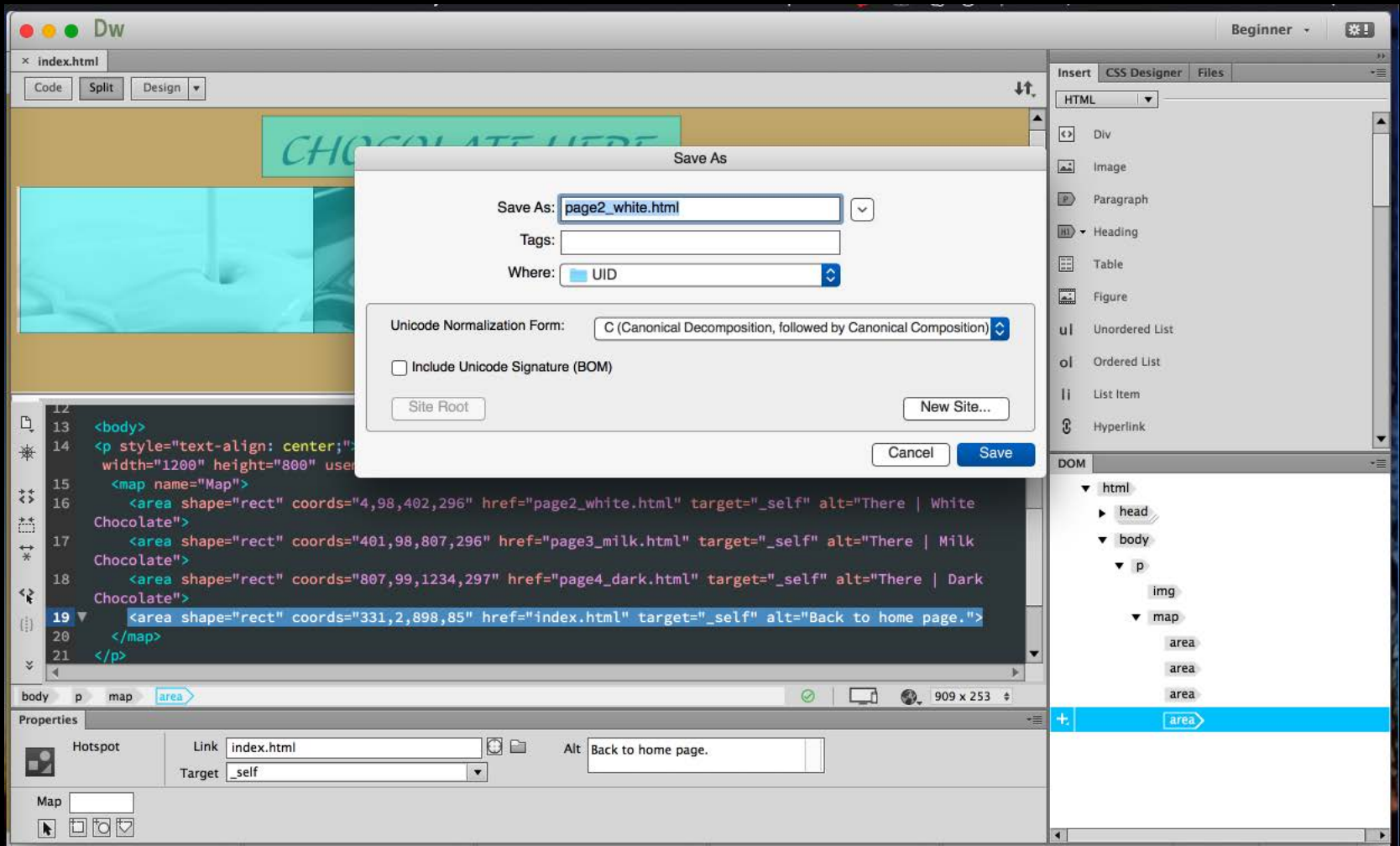
Properties panel:

- Hotspot:
- Link:
- Target:
- Alt:

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Dreamweaver Interface

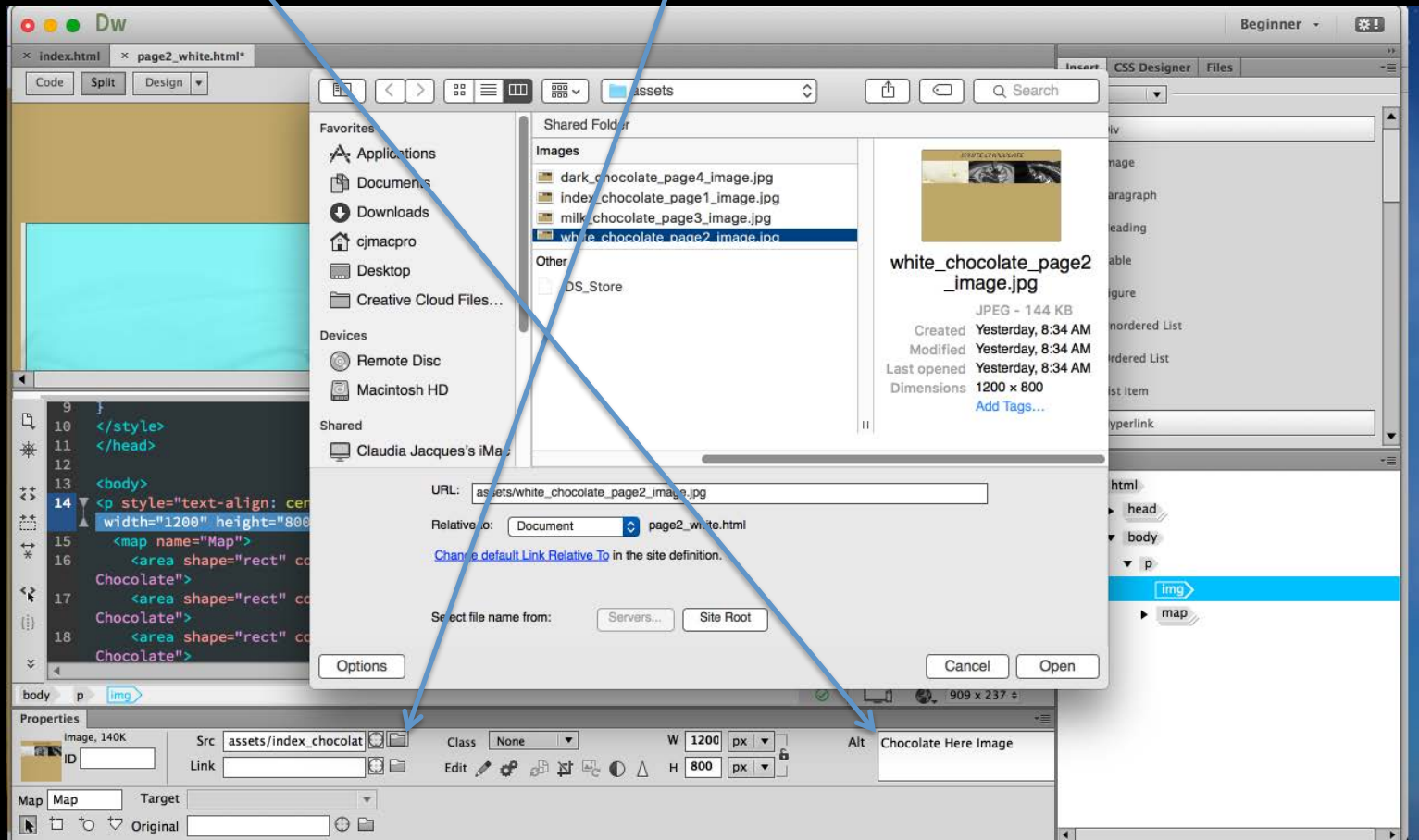
Now **Save As** giving the name you used for your page 2.



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Dreamweaver Interface

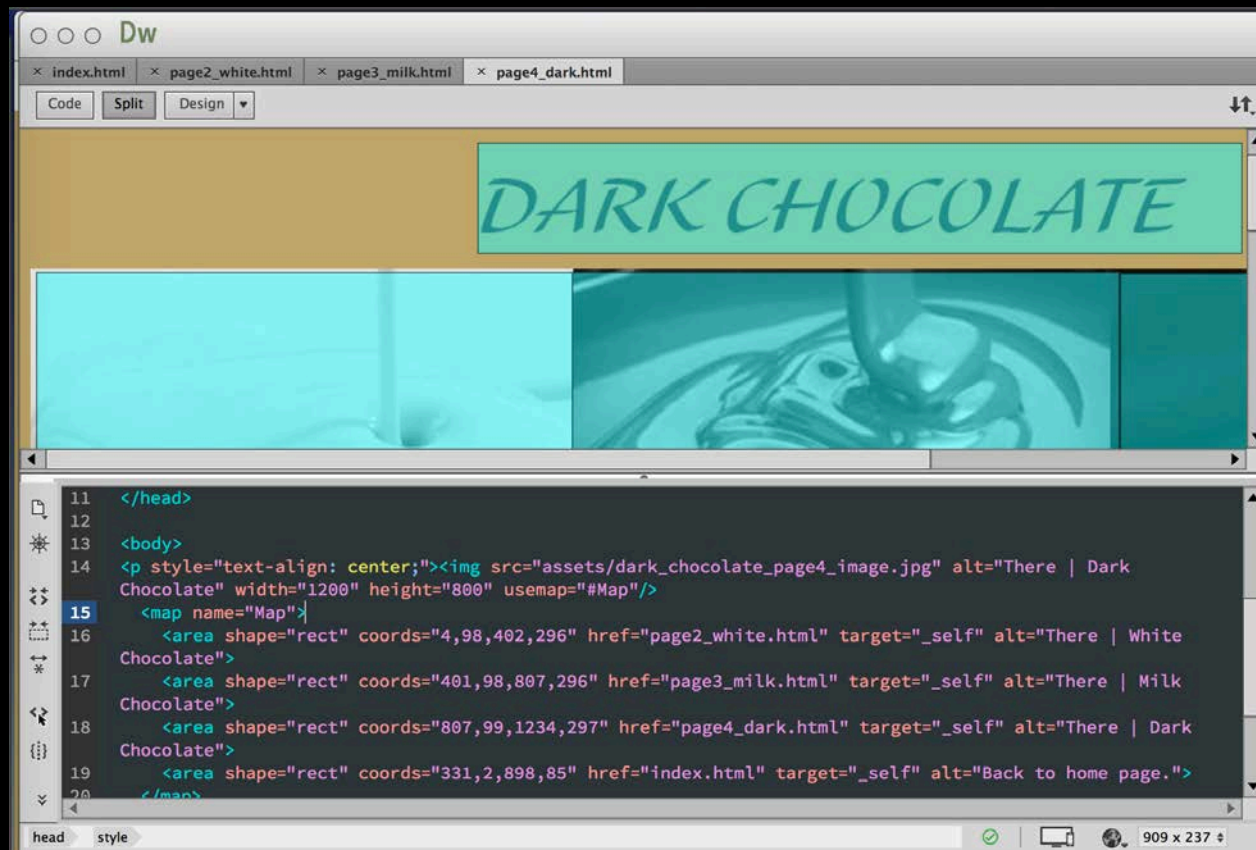
Select the image and in the **Properties** bar in **Src** change the image to the correct one for page 2, edit the **Alt** field to correspond to the correct page info and save the file.



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Dreamweaver Interface

Save As now giving the name you used for your page 3. Edit the image source and alternative title. Repeat for any other page you need to add. Make sure you save your files and check if they are working properly in the browser.



UI Design 30

Dreamweaver Interface

