

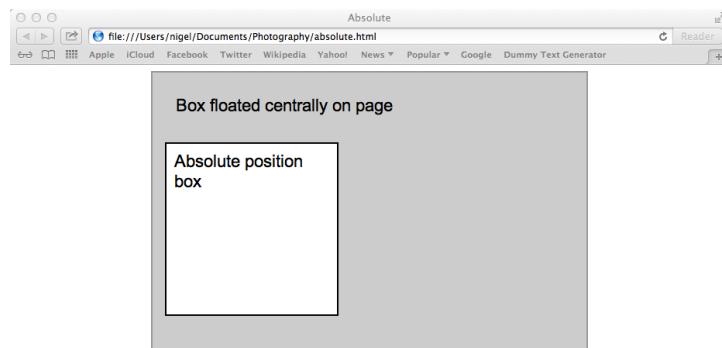
## Combining *relative* and *absolute* position

nigelbuckner 2012

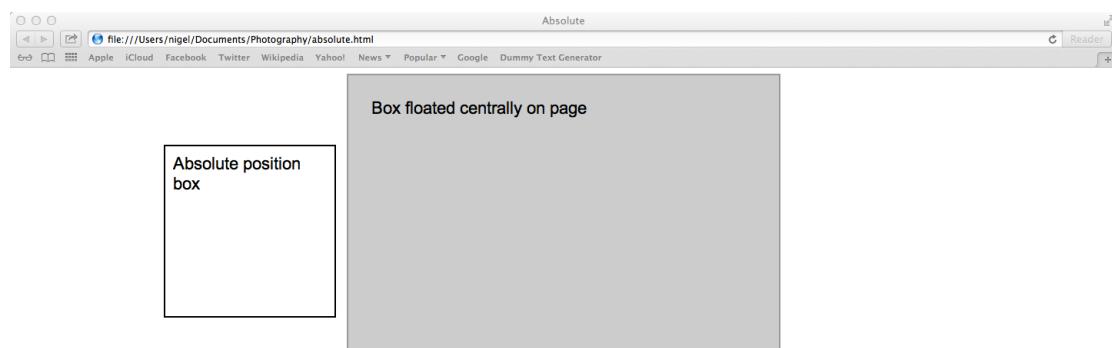
When creating a layout with the *wrapper* `<div>` tag method, assigning a *position* attribute to a style for a `<div>` tag or other element is often an exception rather than a rule. This is because the *wrapper* controls the overall alignment of elements on the page.

An exception to this can be when an element is included in the layout (such as an image or div with content) that is required to be placed independently from other content on the page.

An example of this would be an element that has a *position* attribute of *absolute*. This enables exact positioning on the page without affecting other elements. A problem with this approach occurs when the main content is aligned centrally on the page. In this instance, an absolute positioned element will not be aligned with the rest of the content:



Absolute positioned content appears to be in line with centrally floated content



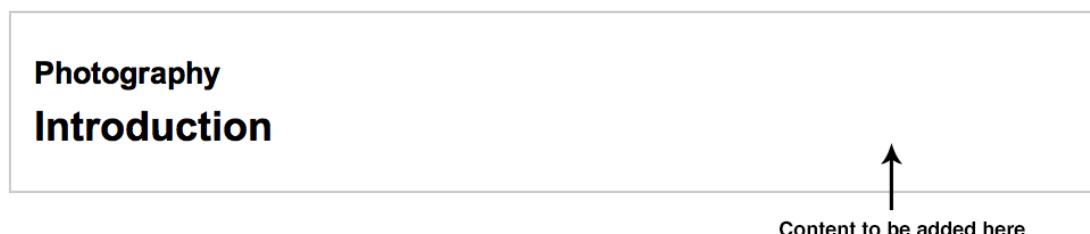
When browser window is extended it becomes apparent that absolute positioned content is independent of centrally floated content

### The solution

The problem above occurs because the absolute positioned content is, by default, positioned relative to the page. This can be remedied by positioning the absolute element in *relation* to other content in the page. It can then be aligned with the rest of the content.

## Example 1

Here is a *header* <div> that has some left aligned content. An image is to be added that is aligned to the right:



One solution would be to insert two more <div> tags into the header, one for the content on the left and the other for the image on the right. This adds more mark-up to the document and makes the structure more complex.

A simpler solution is to assign a position attribute of *relative* to the CSS for the header, then insert the image in the header and assign a position attribute of *absolute* to the image's CSS. *This will make it possible to position the image in relation to the header.*

### How this is done

Edit the CSS for the header. In the Position category, choose *relative*. *Do not assign placement values.*

CSS Rule definition for #header

Category	Positioning
Type	Position: relative
Background	Width: 916 px
Block	Height: px
Box	
Border	
List	
Positioning	Placement
Extensions	Top: px
Transition	Right: px
	Bottom: px
	Left: px

By not assigning placement values, the header will remain in its original place. But, because the header has the property of *relative* applied, it will be possible to align content in the <div> relative to it.

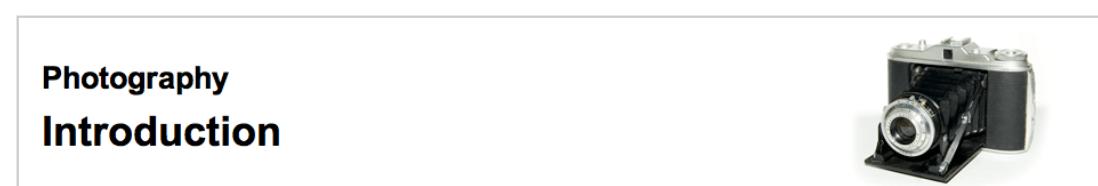
Insert an image anywhere in the header.



Create a style for the image (e.g. a class selector). In the Position category, choose *absolute* and then assign placement values. The placement values will be in relation to the header <div> and not the page.

CSS Rule definition for .image\_1

Category	Positioning
Type Background Block Box Border List <b>Positioning</b> Extensions Transition	Position: absolute Width: px Height: px Placement Top: 5 px Right: 50 px Bottom: Left:



The final result

## Example 2

This example shows a div used as a panel for social media icons but positioned so that it hangs slightly proud of the header.



To do this, insert a <div> inside the header, fill with content and style as required. Play around with Placement values to get the <div> to overhang the header.

In Dreamweaver, when working with placement values in this way, it will be better to make adjustments to the CSS and view the results in Live view rather than Design view. Also, be sure to check in the browser.

A screenshot of the "Photography Introduction" page displayed in Dreamweaver's Live view. The page has a header with the text "Photography Introduction" and a camera image. Below the header is a horizontal bar with social media icons. On the left side, there is a vertical sidebar with menu items: INTRODUCTION (which is currently selected), GALLERY, CAMERAS, HISTORY, and CONTACT. The main content area contains a section titled "The Passion" with the following text: "Far far away, behind the word mountains, far from the countries Vokalia and Consonantia, there live the blind texts. Separated they live in Bookmarksgrove right at the coast of the Semantics, a large language ocean. A small river named Duden flows by their place and supplies it with the necessary regelialia. It is a paradisematic country, in which roasted parts of sentences fly into your mouth. Even the all-powerful Pointing has no control about the blind texts it is an almost unorthographic life One day however a small line of blind text by the name of Lorem Ipsum decided to...". At the bottom of the main content area, there is a light gray footer bar with the text "All sorts of useful stuff here...". The browser's address bar shows the file path "file:///Users/nigel/Documents/Photography/index.html".