



Adobe Photoshop CS -- Photoshop is a graphics editing program developed and published by Adobe Systems Incorporated. Adobe's 2003 "Creative Suite" re-branding led to Adobe Photoshop 8's renaming to Adobe Photoshop CS. Thus, Adobe Photoshop CS5 is the 12th major release of Adobe Photoshop. The CS re-branding also resulted in Adobe offering numerous software packages containing multiple Adobe programs for a reduced price. Adobe Photoshop is released in two editions: Adobe Photoshop, and Adobe Photoshop Extended, with the Extended having extra 3D image creation, motion graphics editing, and advanced image analysis features. Adobe Photoshop Extended is included in all of Adobe's Creative Suite offerings except Design Standard, which includes the Adobe Photoshop edition.

Photoshop CS5 was launched on April 12, 2010. In a video posted on its official Facebook page, the development team revealed the new technologies under development, including three-dimensional brushes and warping tools. In May 2011, Adobe Creative Suite 5.5 (CS5.5) was released, with new versions of some of the applications. CS5 introduces new tools such as the Content-Aware Fill, Refine Edge, Mixer Brush, Bristle Tips and Puppet Warp. The community also had a hand in the additions made to CS5 as 30 new features and improvements were included by request. These include automatic image straightening, the Rule-of-Thirds cropping tool, color pickup and saving an 16-bit image as a JPEG. Another feature includes the Adobe Mini Bridge which allows for efficient file browsing and management.

On March 21, 2012, Adobe released a beta version of Photoshop CS6. It adds new creative design tools and a redesigned interface with a focus on enhanced performance. New features have been added to the Content-Aware tool such as the Content-Aware Patch and Content-Aware Move. Adobe Photoshop CS6 will also bring a suite of tools for video editing. Color and exposure adjustments, as well as layers are among a few things that will be featured in this new editor. Upon completion of editing, the user will be presented with a handful of options of exporting into a few popular formats. CS6 brings the "straighten" tool to Photoshop, where a user simply draws a line anywhere on an image, and the canvas will reorient itself so that the line drawn becomes horizontal, and adjusts the media accordingly. This was created with the intention that users will draw a line parallel to a plane in the image, and reorient the image to that plane to easier achieve certain perspectives. All the tools and filters will be improved and optimized in CS6. Now, when a filter is applied, it will be applied to the current layer, as opposed all layers in older version of Adobe Photoshop.

Step by Step Procedure for Conversion to Black & White (B & W) for the Sample Image Using Photoshop CS

The following procedure is written specifically for Photoshop CS5, but will be very similar for other versions of Photoshop CS software.

1. With Photoshop CS5 started up, open the color image file you wish to convert to B & W. The image will appear in the main editing screen.
2. These instructions are now UNDER CONSTRUCTION. Please come back soon!