How to use this document

This Portable Document Format file (PDF) is a compilation of information about Adobe Photoshop 3.0, the world's leading photo design and production tool. This PDF file contains dynamic features such as bookmarks and links. It's an example of the rich documents that you can create with Adobe Acrobat software.

You can use the built-in tools of Acrobat to navigate through this information. You can also use the following navigational tools we've added to the Adobe Photoshop 3.0 Product Brochure:

■ Will zoom in to the text on that page

→ Will take you to the next text column in the brochure

Highlighted word Will take you to a section of the document containing specific information or an illustrated example of that subject. You can return to the page where the link originated by clicking the ◄◄ icon in the menu bar above.

Macintosh® and Windows™

Adobe Photoshop™
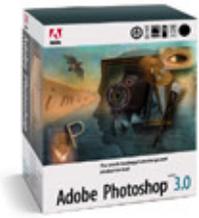
The world's leading photo design and production tool

Adobe Photoshop software lets you create original artwork, correct color, retouch and composite scanned images, and prepare professional-quality separations and output with more flexibility than ever before.

→

Adobe Photoshop 3.0

Adobe

Adobe Photoshop

Sanjay Kothari

A Camera for Your Mind

Close your eyes. Now picture that image—the one you've been wanting to create for a long time. And imagine the ability to create and produce it right from your desktop. Because now it's possible with Adobe Photoshop software, the award-winning, industry-standard program for desktop image design and production.

For designers, Adobe Photoshop provides unlimited creative options. Start with a blank screen or scan an image directly into the program. Then create separate layers—much like transparent "sheets of acetate"—on which you can combine graphic elements, and paint and edit without changing the original background image. Add color, change it or take it away. Import Adobe Illustrator™ files. Choose from more than 40 filters to generate dazzling special effects. And export all or part of an image to a page layout program.

For photographers, Adobe Photoshop opens up a new world of flexibility and control for processing and enhancing images. With a complete set of tools for color correction, retouching, dodging and burning, saturating and desaturating color, masking, lighting effects and more, you can

quickly composite diverse scenes and create dazzling special effects.

For service bureaus and prepress professionals, Adobe Photoshop rivals the capabilities of dedicated, high-end prepress systems at a fraction of the cost. Scan, correct and separate continuous tone images. View a CMYK "soft proof" of an image while in RGB mode. Perform on-screen color editing in CMYK mode. Easily preview out-of-gamut colors. Selectively replace colors and precisely adjust the amount of ink on a given color plate. And generate high-quality monotones, duotones, tritones and quadtones.

Whether you work in the Macintosh or Windows environment, Adobe Photoshop provides the same professional feature set and file format. So you can freely exchange files between platforms. The program runs native on Power Macintosh™ and takes full advantage of the latest operating system enhancements for Windows. Adobe Photoshop comes with a Deluxe CD-ROM in addition to a high-density disk set.

Adobe Photoshop. No matter how you look at it, it's a camera for your mind.

About Adobe Systems…

Founded in 1982, Adobe Systems develops, markets and supports computer software products and technologies that enable users to create, display, print and communicate documents of all kinds.

The Layers feature lets you easily and flexibly composite images, graphics and text; you can conveniently view and rearrange them using the Layers palette.
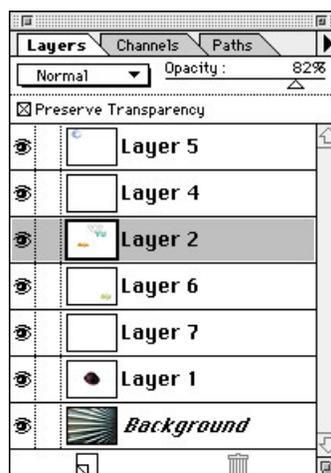
Key Features

Broad Graphics File Support

- The highest quality, broadest support for different file formats, including Encapsulated PostScript™ (EPS, including Adobe Illustrator), Kodak® PhotoCD,™ TIFF, JPEG, Scitex® CT, DCS, PCX, BMP, PIXAR, PixelPaint,™ MacPaint,® Raw, Targa (TGA), CompuServe® GIF and Amiga IFF/LBM
- IPTC standard file captions
- Support for high-dynamic range scans and files
- ▶ Quick Edit feature that lets you edit a portion of a high-resolution file for fast, localized retouching tasks

Layers

- ▶ Support of multiple layers for easy compositing
- ▶ Layers that can be merged, flattened, flipped, copied and clipped together
- ▶ Filters that can be used on all or part of a layer
- ▶ Layer mask for controlling transparency on a layer without destroying image data
- ▶ Drag and drop support for easily combining selections from different files or different layers

Painting

- Dodge and Burn tools for selectively correcting exposure
- ▶ Sponge tool for selectively saturating and desaturating color
- Pencil, Brush, Airbrush, Clone, Text and Line tools
- User-definable soft-edged brushes with preview of brush size
- Pressure-sensitive tablet support
- Option to paint with textures or patterns
- Retouch options that include Smudge, Sharpen and Blur, and a Rubber Stamp for cloning part of an image
- Anti-aliased text at any size or resolution

Selection Tools

- ▶ Color Range for maximum control in building anti-aliased masks based on selected colors in an image
- Quick Mask feature for creating, viewing and editing masks directly on the image
- Rectangular and elliptical polygons for regional selection
- Lasso and Bézier-based Pen tool for drawing precise and complex paths
- Magic Wand for automatic color range selection
- Feather-edge selections for blending backgrounds and combining foreground and background images
- Up to 24 alpha channels for saving multiple selections in one document

Color Adjustments

- Variations feature that lets you easily adjust image color and brightness by previewing and choosing from a range of color images simultaneously
- Adjustments for brightness, contrast and midtones (gamma)
- Controls for selectively adjusting hue, saturation and brightness
- Adjustable tonal curves and control points on curves
- ▶ Replace Color for correcting the color of a selected area by adjusting its hue, saturation and brightness values
- ▶ Selective Color Correction for adjusting the ink values of individual color channels or plates by entering absolute or relative values
- Independent color balance adjustment for shadows, highlights and midtones

Image Transformation

- Rotate, Stretch, Skew and Distort options
- Intelligent resampling to alter image resolution for output

Filter Collection

- Over 40 standard filters, including multiple choices for image sharpening, softening, stylizing, distortion, video and removal of noise plus dust and scratches. Create custom filters or

→   →

▶ Indicates a feature new to version 3.0.
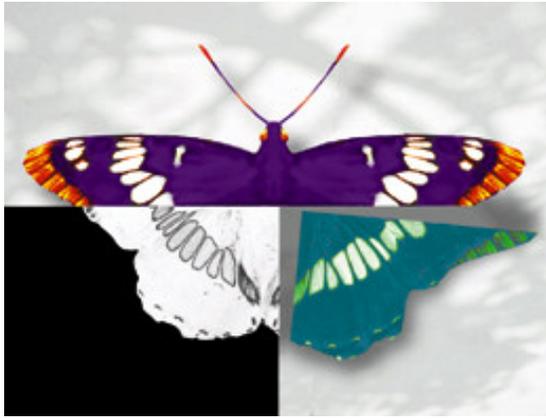
With the Replace Color tool, you can adjust the hue, saturation and brightness values of a selected range of colors.
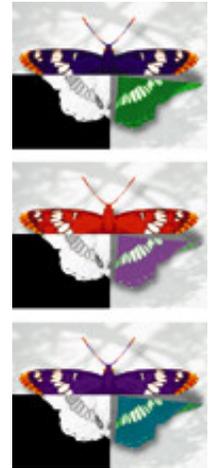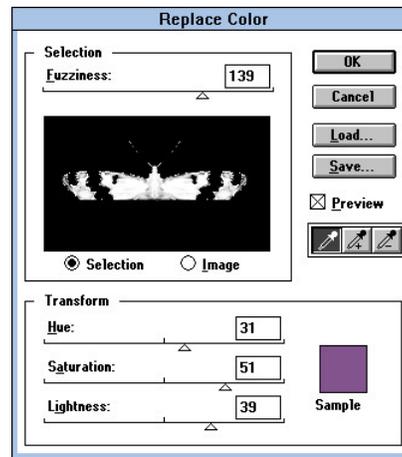
use third-party filters that support the program's plug-in interface.

◗ Lighting effects for applying multiple light sources to an image and choosing from a range of colors, intensities and angles

◗ Proxies in filter dialog boxes to show the effect of a filter at low resolution before it is applied to the image

Professional Color Separations

• Ability to adjust printed output for paper stock and printing device

• Advanced calibration features

• Automatic trapping

• Professional control of undercolor removal (UCR), gray component replacement (GCR), undercolor addition and ink densities

• Moiré elimination on Adobe™ PostScript Level 2 devices

• Information window with densitometer readings

On-Screen CMYK Editing

• Editing of four-color process images in CMYK mode without splitting channels

• Acquisition of CMYK images directly from high-end scanners

◗ Gamut Warning that highlights any areas out of CMYK gamut

Color Support

• Unequaled flexibility in converting between editing modes, including Bitmap, Grayscale, Duotone, Indexed Color, RGB and CMYK

◗ CMYK Preview feature that lets you quickly view a "soft proof" of an image while still in RGB mode

• Broad range of index color modes, color tables and user-definable color palettes

• Ability to create high-quality duotones, tritones and quadtones with PANTONE®* or process inks

• Support for device-independent color with the CIE LAB color mode and support for PANTONE, FOCOLTONE, TOYO, DIC and TRUMATCH color systems

Hardware Acceleration

• Acceleration of calculation-intensive functions in hardware using compatible products bearing the Adobe Charged logo

• Support for symmetric multiprocessing under Windows NT™

User Interface Enhancements

• Fast Preview option that lets you instantly view adjustments to high-resolution images

◗ New palette design that allows you to group and separate floating palettes in any order

◗ Commands palette that lets you assign a button to provide quick access to frequently used commands and palettes

Advanced PostScript Language Support

• Program-generated PostScript language for highest quality output

• PostScript language on Clipboard for integrating images with Adobe Illustrator artwork

• PostScript language rendering for integrating line art with true color photographic images

• CIE LAB color space for consistent color output to Adobe PostScript Level 2 devices

Cross-Platform Compatibility

• Identical feature set and binary-compatible file formats for Macintosh and Windows versions

Open Architecture

• Support of TWAIN interface for broad range of image-acquisition devices

• Broad support of the industry standard Adobe Photoshop plug-in interface via third-party developers
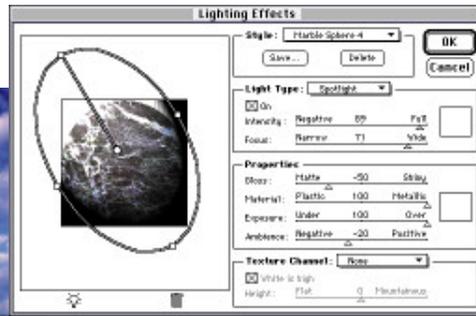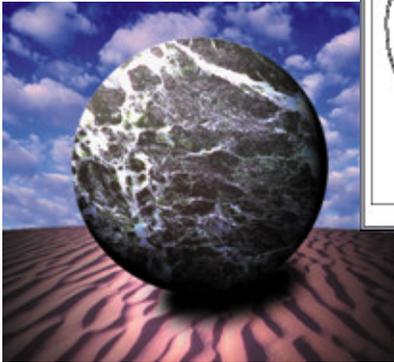
The Lighting Effects filter lets you add a variety of dramatic lighting effects to any image.
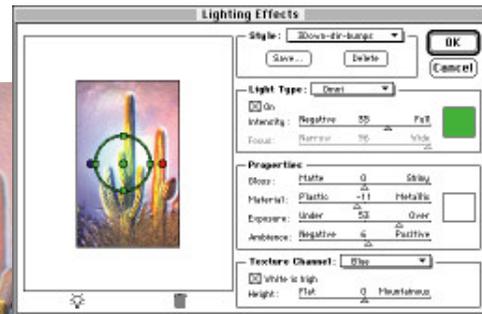
Choose from spotlights or directional lights, and add textures to your image.

The Pointillize filter creates soft spots of color that evoke impressionist painting.


Use the Ripple filter to produce an undulating pattern on a selection, much like the ripples on the surface of a pond.
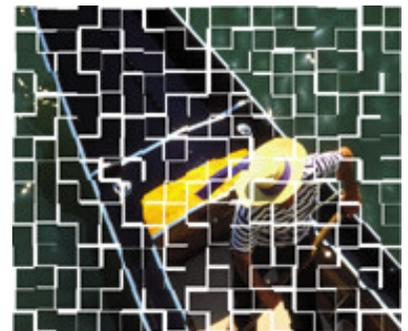
With the Tiles filter, you can divide your image into tiles of varying size and randomness.
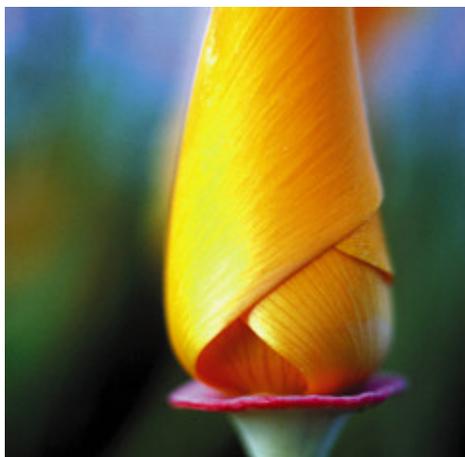
With the Variations feature, you can adjust the color and brightness of an image by choosing from a range of color options.
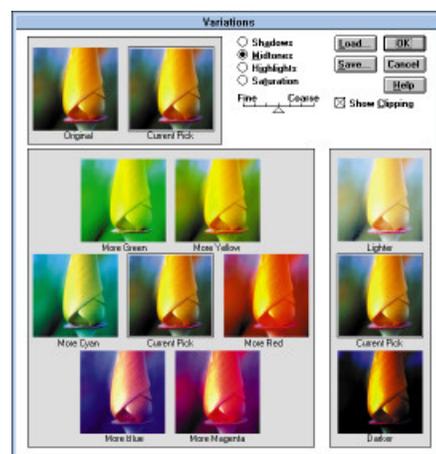
With the Dodge tool, you can selectively lighten a portion of an image with a soft-edged brush.

With the Burn tool, you can selectively darken a portion of an image with a soft-edged brush.

The Sponge tool lets you increase or decrease color saturation in a portion of an image.

Macintosh System Requirements

- Macintosh computer with 68020 or greater processor, including Power Macintosh
- Apple® System Software 7.0 or greater
- 6 MB of application RAM for Macintosh 68020–68040
- 11 MB of application RAM for Power Macintosh
- Hard disk with at least 20 MB of free space for virtual memory

Recommendations

- Macintosh with 68040 or greater processor or Power Macintosh
- Apple® System Software version 7.1.2 or greater
- 16 MB or more of application RAM for Macintosh 68020–68040
- 24 MB of application RAM for Power Macintosh
- Color monitor with a 24-bit video card
- CD-ROM drive (for Deluxe CD-ROM)
- Acceleration products bearing the Adobe Charged logo

Awards for Macintosh Version

- 1994, 1993, 1992 & 1991, *Macworld* World-Class Award
- 1994, *InfoWorld* Recommended Product
- 1994 & 1993, *InfoWorld* Buyers Assurance Seal

- 1993, *BYTE* Editorial Award of Excellence
- 1993, 1992 & 1991, *Publish* Readers' Choice Award
- 1993, *Publish* Impact Award
- 1993, *Macworld* Editors' Choice Award
- 1993, Seybold Award for Excellence
- 1992, *MacWEEK* Diamond Award
- 1991 & 1990, *MacUser* Editors' Choice Award

Windows System Requirements

- Intel® i386,™ i486™ or Pentium™ processor
- DOS 5.0 or greater
- Microsoft® Windows 3.1 or NT
- 8 MB of application RAM (16 MB for Windows NT)
- Hard disk with at least 20 MB free space
- 256-color display adapter

Recommendations

- Pentium processor
- DOS 6.0 or greater
- Microsoft Windows 3.1 or NT
- At least 16 MB of application RAM (32 MB for Windows NT)
- 24-bit color display adapter
- Sound card and CD-ROM drive
- Acceleration products bearing the Adobe Charged logo

Awards for Windows Version

- 1994, Software Publishers Association CODIE Award
- 1994, *InfoWorld* Recommended Product
- 1994 & 1993, *InfoWorld* Buyers Assurance Seal
- 1994 & 1993, *PC World* World-Class Award
- 1993, *BYTE* Editorial Award of Excellence
- 1993, *Publish* Impact Award
- 1993, *PC Magazine* Editors' Choice Award
- 1993, Seybold Award for Excellence
- 1993, *Windows Magazine* Win 100 Award

Suggested Retail Price

$895 (U.S.)

Training Workbooks

Macmillan Computer Publishing offers *Classroom in a Book: Adobe Photoshop, 2nd Edition* and *Classroom in a Book: Advanced Adobe Photoshop.* For more information, call Macmillan at 1-800-428-5331.

For More Information

Call **1-800-833-6687** or see the Adobe Authorized Reseller nearest you. Outside the USA and Canada, contact your local Adobe distributor or call **1-408-986-6555.**

This brochure was created with Adobe Photoshop and Adobe Illustrator software, and font software from the Adobe Type Library.