Adobe® Photoshop®

The world-standard photo design and production tool

Seen any cool Web pages lately? A fascinating photograph? A slick interactive CD-ROM? Chances are, the images that catch your eye were produced using Adobe Photoshop software. Around the world, Photoshop is used to create, retouch, and enhance images for virtually every medium—from print to the World Wide Web and everything in between.

Whether you're a graphic designer, photographer, multimedia specialist, videographer, or Webmaster, Photoshop can provide you with the power to create compelling images and the precision to prepare them for whatever media you choose.

The finest creative tool set

Go ahead and dream. When you combine your ideas with Photoshop software, anything's possible. Using multiple layers, you can overlay images, text, and graphics with complete freedom to add, remove, view, and hide any element. New Adjustment Layers let you experiment with color corrections and special effects on separate, nondestructive layers.

An extensive tool set includes Brush, Pencil, and Airbrush—all in a variety of sizes. You'll also find professional photography tools that let you dodge and burn areas of an image, and saturate or desaturate color. Add type and other elements. Do sophisticated retouching with tools that let you smudge, sharpen, and blur.

The new Gradient tool lets you blend multiple colors as you vary the opacity of the effect. And

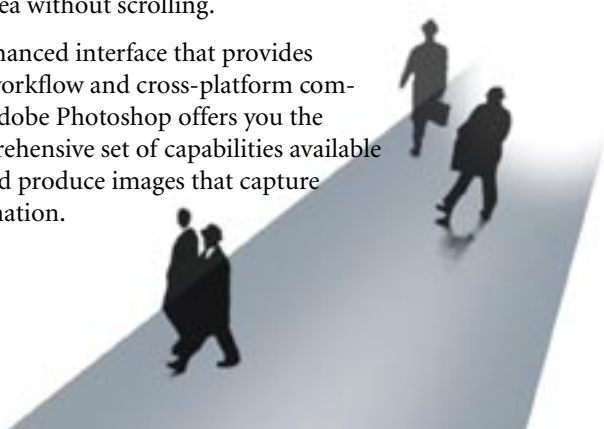with the new Free Transform feature, you can scale, rotate, skew, and add perspective in a single step.

Looking for a creative spark? Photoshop contains more than 95 special effects filters. Use them to add fine art effects, from charcoal drawing to impressionist painting to ripples of water. And each provides a dynamic preview, so you can test an effect before applying it.

An efficient factory for production

Photoshop software gives you the technical control to produce a flawless image, whether for print or electronic delivery. Easily convert between editing modes, including Bitmap, Grayscale, Duotone, Indexed Color, RGB, and CMYK. Create professional color separations. Photoshop supports the broadest range of file formats, including those most common for the Web.
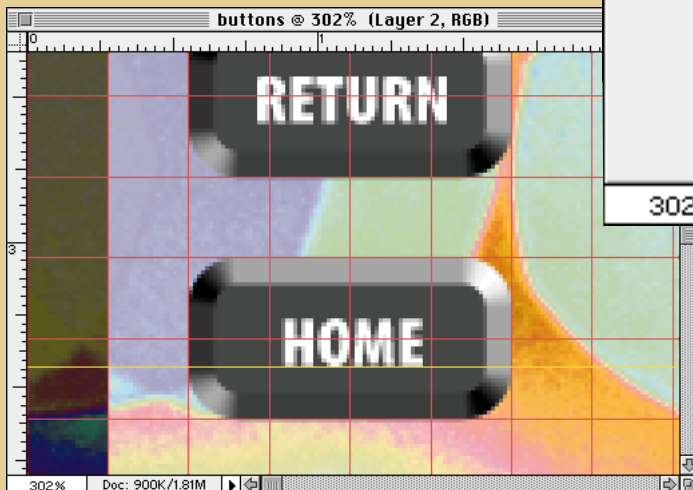
Improve productivity with the new Actions Palette that lets you record a sequence of commands for automated editing and batch processing of files. Guides and Grids provide the alignment convenience of layout programs such as Adobe PageMaker.® And the new Navigator lets you instantly zoom in on a specific area without scrolling.

With an enhanced interface that provides smoother workflow and cross-platform compatibility, Adobe Photoshop offers you the most comprehensive set of capabilities available to create and produce images that capture your imagination.

Windows® | Macintosh®

| Channels | Paths | Layers | ▶ |

Normal ▾ Opacity: 100%

☐ Preserve Transparency

- 👁 ▣ **S** **Hue/Saturation** ◖
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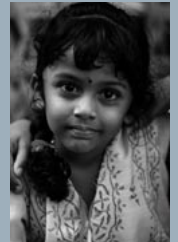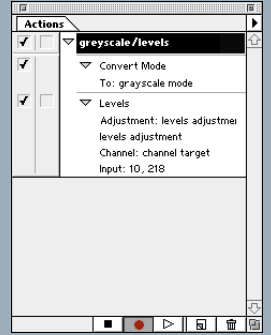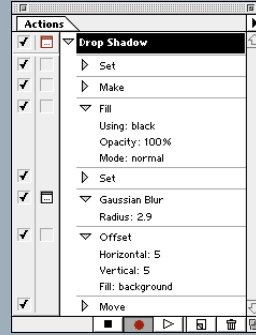- 👁 ☐ abuelita(o)/baby

Use Adjustment Layers to experiment with color correction including Levels, Curves, Color Balance, Brightness/Contrast, Hue/Saturation, Selective Color, Invert, Threshold, and Posterize. Repeatedly modify the adjustments with no loss of image quality.

buttons @ 302% (Layer 2, RGB)

RETURN

HOME

302%   Doc: 900K/1.81M
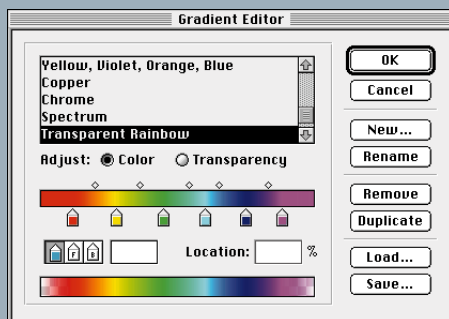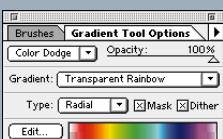
| Info | **Navigator** | ▶ |

nightlife

302%

Save time by instantly zooming to a specific area of an image with the Navigator. And enjoy easier alignment and layout of elements with definable snap-to Guides and Grids.

Use the Free Transform feature to scale, rotate, skew, add perspective, and distort a selected image area in a single step.

Record a sequence of editing steps as an Action, and then, with a single click, play it back on another selection, another file, or even a batch of files. Easily automate common production tasks, such as adding drop shadows and converting images.

Use the Gradient tool to create dazzling linear and radial blends with multiple colors and varying levels of opacity.

key features

Layers
- Support for multiple layers for easy compositing
- Layers that you can merge, flatten, flip, copy, and clip together
- ▶ Support for nondestructive color- and tonal-adjustment layers
- 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

Automation
- ▶ Recordable Actions palette for task automation and batch processing
- ▶ Support for batch processing and batch acquisition of images
- ▶ Options to run Actions unattended or to tweak filter settings in real time during playback
- ▶ Simple support for OLE automation on Windows 95 and Windows NT,® and for AppleScript® on Macintosh

Painting tools
- ▶ Custom Gradient tool that supports named, multicolor designs with varying opacity
- Professional photography tools, including Dodge and Burn to correct exposure and Sponge to correct color saturation
- Full assortment of drawing and painting tools, including Pencil, Brush, Airbrush, Clone, Text, and Line
- User-definable soft-edged brushes, with preview of brush size
- Pressure-sensitive tablet support
- Option to paint with textures or patterns
- Retouching tools, including Smudge, Sharpen, Blur, and Rubber Stamp for cloning
- 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 and viewing selection masks directly on the image, and for editing them as easily as painting with a brush
- Rectangular and elliptical polygons for regional selections
- 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 and revising multiple selections in one document

User interface enhancements
- ▶ Navigator palette for easy zooming and scrolling of large images
- ▶ Continuous zoom levels from 0.2 to 1600%, which you can select with the magnifying tool or by numeric entry
- ▶ User-definable Guides and Grids for alignment of layers, selections, and painting operations
- ▶ Seamless workflow between Photoshop and other Adobe applications, including Adobe Illustrator,® PageMaker, PageMill,™ and After Effects®
- Ability to group and separate floating palettes in any order
- Context menus for quick access to the commands you need most
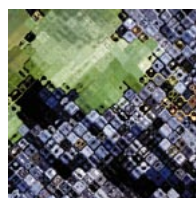
Extensive filter collection
- More than 95 special effects filters, including image sharpening, softening, stylizing, natural media, distortion, removal of dust and scratches, and lighting
- Support for filter automation
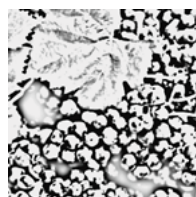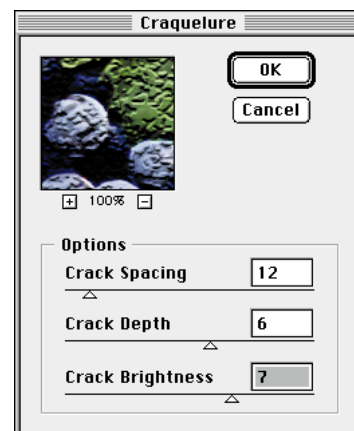- Support for third-party filters that use the Adobe Photoshop plug-in interface

ORIGINAL

CRAQUELURE

GLASS

PHOTOCOPY

Transformations

▶ Free Transform command to distort, scale, skew, rotate, move, and add perspective all in one step, with improved image fidelity

· Numeric transformations for precise positioning, scaling, skewing, and rotation of selections

Advanced color-correction tools

· Variations to adjust image color and brightness by previewing a range of modified images simultaneously

· Adjustments for brightness, contrast, and midtones (gamma)

· Controls for selectively adjusting hue, saturation, and brightness

· Adjustable tonal curves and control points

· Replace Color for correcting the color of a selected area

· Selective Color Correction for adjusting the ink values of individual color channels or plates by entering absolute or relative values

· Levels command for adjusting the dynamic range of images

BEFORE COLOR CORRECTION

AFTER COLOR CORRECTION

Professional color separations

· Ability to adjust printed output for paper stock and printing devices

· 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 palette 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

▶ Support for ICC color output profiles

· Unequaled flexibility to convert between Bitmap, Grayscale, Duotone, Indexed Color, RGB, and CMYK editing modes

· 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

· Support for duotones, tritones, and quadtones

· Support for device-independent color with CIE LAB color mode and support for PANTONE,® Focoltone,™ Toyo,™ DIC, and TRUMATCH™ color systems

Advanced PostScript support

· Program-generated PostScript language for highest quality output

· PostScript 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

Digital watermarking

▶ Ability to embed an imperceptible, digital copyright signature that Photoshop can detect and display, even after an image is printed or scanned
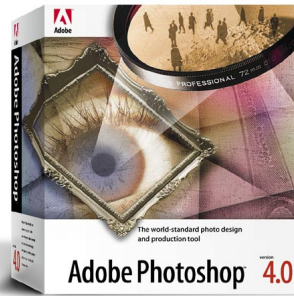
File-format and cross-platform compatibility

▶ Support for Web publishing file formats, including GIF89a, PNG, Progressive JPEG, and Adobe Portable Document Format (PDF)

· Support for graphics file formats, including Encapsulated PostScript (EPS, including Adobe Illustrator), Kodak® Photo CD,™ TIFF, JPEG, Scitex® CT, DCS, PCX, BMP, PIXAR, PixelPaint,™ MacPaint,® Raw, Targa (TGA), CompuServe® GIF, and Amiga IFF/LBM

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

· Support for symmetric multiprocessing under Windows NT, and under Mac™ OS systems that support Apple's multiprocessor API

· Support for TWAIN interface for a wide variety of image-acquisition devices, including scanners and digital cameras

· Broad support for the industry-standard Adobe Photoshop plug-in interface used by third-party developers to enhance program features

· Plug-in included for improved performance on systems running Intel's MMX™ technology

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contents

- Adobe Photoshop 4.0 application CD-ROM with:
  - Adobe Photoshop 4.0 software
  - Sample textures and plug-in filters
  - Royalty-free stock photographs
  - Digital Masters Art Show
  - Adobe Acrobat Reader
  - Quicktime® software
  - Tryout versions of other Adobe products
  - Technical notes
- Adobe Photoshop 4.0 Tutorial CD-ROM with:
  - Interactive tutorial files
  - Multimedia guided tour with instructional videos
  - Sample art files
  - Electronic Publishing Guide
- Type On Call® CD-ROM* with:
  - 2,100 Type 1 typefaces, ready to unlock, 24 hours a day, 7 days a week
  - 30 free typefaces, plus your choice of two additional type packages
- User guide
- *Getting Started* guide

* Type On Call CD-ROM not included with upgrade purchases.

system requirements

Macintosh system requirements
- Macintosh computer with a 68030 or greater processor (Power Macintosh® recommended)
- Apple® System Software version 7.1 or later (7.1.2 or later for Power Macintosh)
- 16 MB of RAM for Power Macintosh (32 MB recommended)
- 20 MB hard-disk space for installation
- 20 MB hard-disk space for operation
- 8-bit or greater display adapter
- CD-ROM drive (floppy disks available upon request)
- Recommended: acceleration products bearing the Adobe Charged® logo

Windows system requirements
- i386™, i486™, or Pentium® processor
- Microsoft® Windows 3.1 with DOS 5.0 or later, or Windows 95, or Intel® based Windows NT® (version 3.5 or later)
- 16 MB of RAM (32 MB recommended)
- 20 MB hard-disk space for installation
- 20 MB hard-disk space for operation
- 256-color or better display adapter
- CD-ROM drive (floppy disks available upon request)

Suggested retail price
$895 (U.S. and Canada)

For more information
In the U.S. and Canada, call **800-492-3623** or contact your local Adobe Authorized Reseller.

In other countries, please contact the nearest Adobe distributor or representative. To receive a list of international Adobe distributors by fax, call our automated FaxYI system at **206-628-5737** and request Document 499950.

For a comprehensive list of features and information about other Adobe products, see the Adobe home page at *http://www.adobe.com* on the World Wide Web.

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