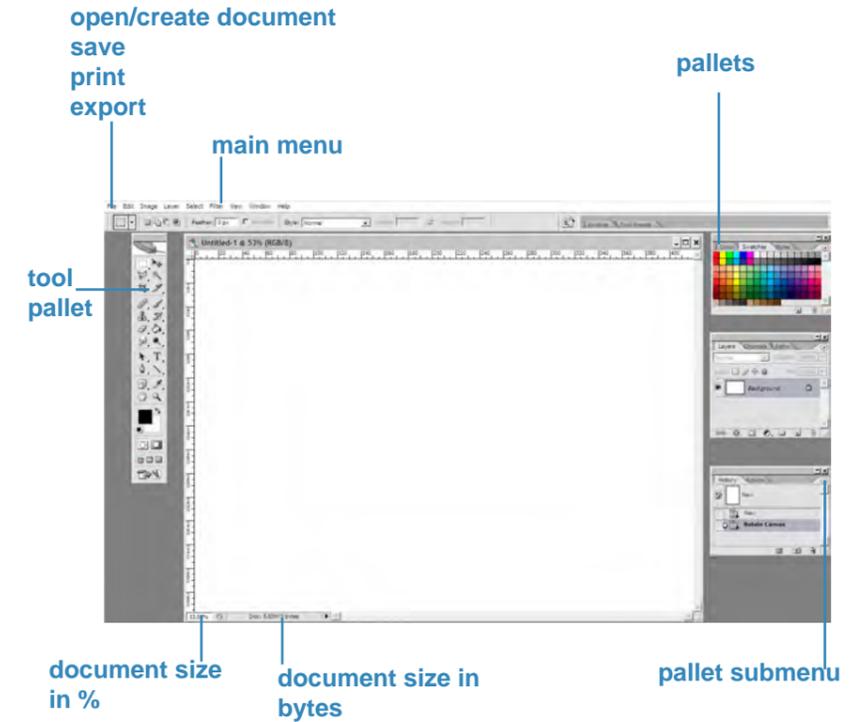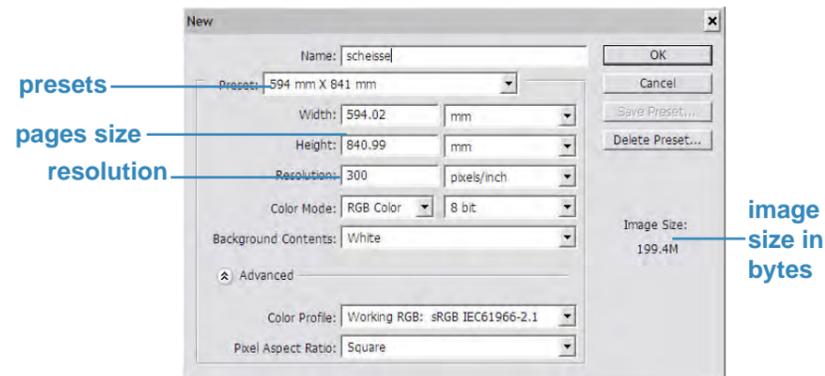# adobe photoshop

kudzai magoche ¦ 2008

Fundamental

Photoshop CS2 software leads the family of Adobe digital imaging products, including Adobe Photoshop Elements 3.0 and Adobe Photoshop Album 2.0 software.
Photoshop CS2 is also part of the Adobe Creative Suite, a complete design solution that combines Adobe Illustrator® CS2, Adobe InDesign® CS2 and Version Cue® CS2 software, as well as Adobe GoLive® CS2 and Adobe Acrobat® 7.0 Professional software in the Premium Edition.

Adobe Photoshop provides you with cutting-edge technology, innovation and power, with exciting new features and existing feature enhancements for creative professionals everywhere. It has powerful new tools that take your digital camera beyond its own capability, help you turn your dreams into designs faster than ever, and handle thousands of images as easily as a handful...

psd
eps
rtf

input

psd
eps
pdf

output

Main menu

open/create document
save
print
export

main menu

pallets

tool
pallet

document size in %

document size in bytes

pallet submenu

Pre-setting

When starting a new file this dialogue window appears. Therein the basic adjustments for the document are made.

New

Name: scheisse

presets — Preset: -594 mm X 841 mm

pages size — Width: 594.02 mm
Height: 840.99 mm

resolution — Resolution: 300 pixels/inch

Color Mode: RGB Color — 8 bit
Background Contents: White

Advanced

Color Profile: Working RGB: sRGB IEC61966-2.1
Pixel Aspect Ratio: Square

OK
Cancel
Save Preset...
Delete Preset...

Image Size: 199.4M

image size in bytes

Name: Name the document to be created.

Preset: Standard and custom page settings are listed here.

Width/Height: Set canvas size in pixels or mm.

Resolution: The number of pixels/inch printed on a page determines the image resolution.

Color Mode: The color mode determines what color method is used to display and print the image you're working on.

Rulers, grids and guides

With Photoshop one can place contents accurately to the millimeter on the page. For assistance use:

File Edit Image Layer Select

Rulers
Rulers help you position images or elements precisely. When visible, rulers appear along the top and left side of the active window. Markers in the ruler display the pointer's position when you move it.
To show or hide rulers, choose View > Rulers

Guides
Guides help you position images or elements precisely. Guides appear as nonprinting lines that float over the image. You can move and remove guides. You can also lock them so that you don't move them by accident.

File Edit Image Layer Select

Grid
The grid is useful for laying out elements symmetrically. The grid appears by default as nonprinting lines but can also be displayed as dots.

Choose Edit > Preferences > Guides, Grid, & Slices to change the attributes of the grids, guides and slices.
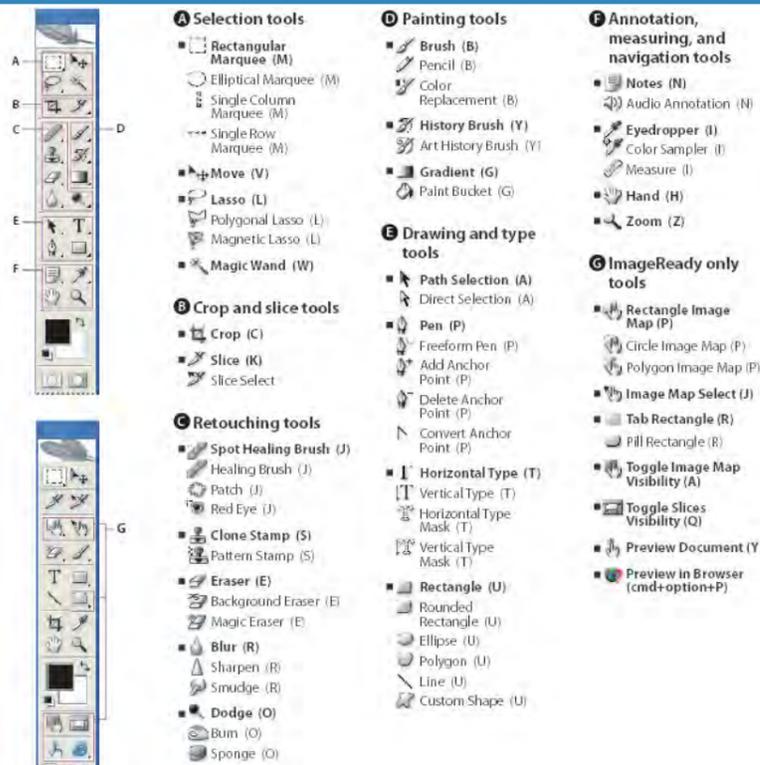
Inserting Content

Paste:

1. In the supporting application, select your artwork, and choose Edit > Copy.
2. (Photoshop or ImageReady) Select the image into which you'll paste the selection.
3. Choose Edit > Paste.
4. (Photoshop) In the Paste dialog box, select from the following Paste As options:
   Smart Object Places the artwork in a new layer as a smart object.
   Pixels Rasterizes the artwork as it is pasted. Rasterizing converts mathematically defined vector artwork to pixels.
   Paths Pastes the copy as a path in the Paths palette. When copying type from Illustrator, you must first convert it to outlines.
   Shape Layer Creates a new shape layer that uses the path as a vector mask.

Duplicate Layer:

1. Open the source and destination images.
2. In the Layers palette of the source image, select a layer or group.
3. Do one of the following:
   Drag the layer or group from the Layers palette into the destination image.
   Select the Move tool, and drag from the source image to the destination image. The duplicate layer or group appears above the active layer in the Layers palette of the destination image. Shift-drag to move the image content to the same location it occupied in the source image (if the source and destination images have the same pixel dimensions) or to the center of the document window (if the source and destination images have different pixel dimensions).
   (Photoshop) Choose Duplicate Layer or Duplicate Group from the Layers menu or the Layers palette menu. Choose the destination document from the Document pop-up menu, and click OK.

Tools

A Selection tools
- Rectangular Marquee (M)
- Elliptical Marquee (M)
- Single Column Marquee (M)
- Single Row Marquee (M)
- Move (V)
- Lasso (L)
- Polygonal Lasso (L)
- Magnetic Lasso (L)
- Magic Wand (W)

B Crop and slice tools
- Crop (C)
- Slice (K)
- Slice Select

C Retouching tools
- Spot Healing Brush (J)
- Healing Brush (J)
- Patch (J)
- Red Eye (J)
- Clone Stamp (S)
- Pattern Stamp (S)
- Eraser (E)
- Background Eraser (E)
- Magic Eraser (E)
- Blur (R)
- Sharpen (R)
- Smudge (R)
- Dodge (O)
- Burn (O)
- Sponge (O)

D Painting tools
- Brush (B)
- Pencil (B)
- Color Replacement
- History Brush (Y)
- Art History Brush (Y)
- Gradient (G)
- Paint Bucket (G)

E Drawing and type tools
- Path Selection (A)
- Direct Selection (A)
- Pen (P)
- Freeform Pen (P)
- Add Anchor Point (P)
- Delete Anchor Point (P)
- Convert Anchor Point (P)
- Horizontal Type (T)
- Vertical Type (T)
- Horizontal Type Mask (T)
- Vertical Type Mask (T)
- Rectangle (U)
- Rounded Rectangle (U)
- Ellipse (U)
- Polygon (U)
- Line (U)
- Custom Shape (U)

F Annotation, measuring, and navigation tools
- Notes (N)
- Audio Annotation (N)
- Eyedropper (I)
- Color Sampler (I)
- Measure (I)
- Hand (H)
- Zoom (Z)

G ImageReady only tools
- Rectangle Image Map (P)
- Circle Image Map (P)
- Polygon Image Map (P)
- Image Map Select (J)
- Tab Rectangle (R)
- Pill Rectangle (R)
- Toggle Image Map Visibility (A)
- Toggle Slices Visibility (Q)
- Preview Document (Y)
- Preview in Browser (cmd+option+P)

Layers + colors

Layers pallet
Contents of a document can be placed for better overview and handling on different layers. Advantages:

- fast screen layout
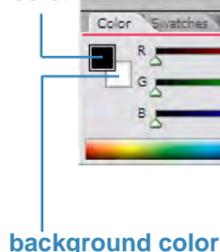- keeping different versions e.g. in different languages

Swatches pallet
Use Window/Swatches to open a pallet which provides color patterns to be assigned to the frames and texts.

Color pallet
Use Window/Color to open a pallet to change the characteristics of the current color.

foreground color

background color

submenu

pick color

submenu

hide/ unhide

create new layer

delete layer

submenu

select swatch by clicking

create new swatch

delete swatch

Brushes + text

Brushes pallet
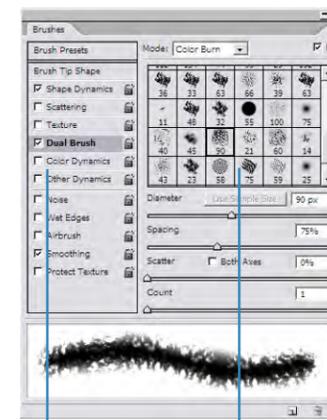The Brushes palette lets you select preset brushes and design custom brushes. The brush you select determines many characteristics of the resulting stroke. Photoshop provides a variety of preset brushes to fill a wide range of uses. In Photoshop, you can also create custom brushes using the Brushes palette.
Go to Window/Brushes to open the Brushes pallet

Paragraph pallet
Use the Type tool to create a text frame.
Go to Window/Paragraph to open the Paragraph pallet, to format text within the frame.
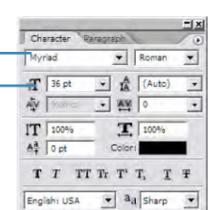
brush presets

brush preset options

align text

fonts
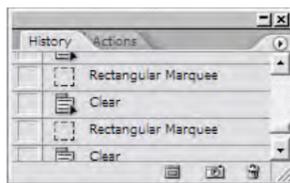
size

margins and indentations

History + navigation

History Pallet

To display the History palette, choose Window > History

You can use the History palette to jump to any recent state of the image created during the current working session. Each time you apply a change to an image, the new state of that image is added to the palette.

States are added to the bottom of the list. That is, the oldest state is at the top of the list, the most recent one at the bottom.

By default, deleting a state deletes that state and those that came after it. If you choose the Allow Non-Linear History option, deleting a state deletes only that state.

Navigator Pallet

To display the Navigator palette, select Window > Navigator.

You use the Navigator palette to quickly change the view of your artwork using a thumbnail display. The colored box in the Navigator (called the proxy view area) corresponds to the currently viewable area in the window.
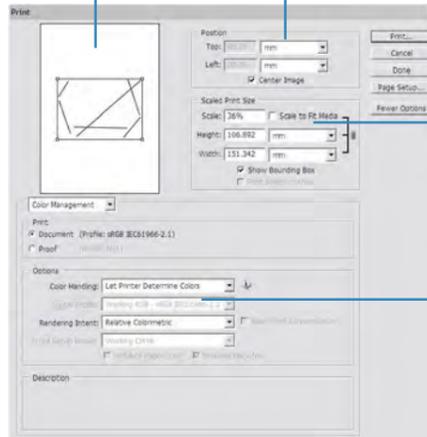
proxy view area

zoom options

Printing

Printing with Preview

1. Specify sheet format: File/Print With Preview...
2. further attributes, such as scale and position
3. send to the printer

the preview window lets you see how your document will print

check Centre Image for automatic centering or you are able to decide exactly where your image is supposed to print

you can change the size of your graphic by typing a percentage in the Scale field or by typing a value either in the Height or Width field.

color management determines the way photoshop colors are translated to printer colors

Data format + Help

in

some data formats that Photoshop reads;

images: TIF, PICT, JPG
vectors: EPS
text: DOC, RTF, or copy and paste text directly into a frame from another program

out

some data formats that Photoshop creates;

PSD: the program's default format
PDF: portable document format readily accessible by many programs

export formats (File/Export)

AI: vector format for Adobe Illustrator

Help

the program has several guides, instructions and learning references under Help/Photoshop Help to assist in any task relating to use of the software.