

## What is a digital photograph?

A photograph that has been captured electronically or converted from film to digital format through an electronic scanning process.

### 3 ways to get digital photos:

1. Take pictures with a digital camera



2. Take pictures with a film camera and when you process the film request the prints on a disc



3. Use a scanner to scan printed photographs



### 3 Different ways to transfer pictures from a digital camera to your computer:

1. Take your memory card out of your camera and put it in a memory card slot directly on your computer
2. Take your memory card out of your camera, put it in a memory card reader and insert the card reader into a USB port on your computer
3. Keep the memory card in your camera, attach a cord from your camera to the USB port on your computer



### Where to store photos on your computer:

Many people store their pictures in the "My Pictures" folder inside the "My Documents" folder. If you plan on storing several photos, you may want to make sub-folders inside the "My Pictures" folder for each major subject you have pictures of. For example you might have folders called Christmas 2007, Family Vacation 2006, Grandma's 60<sup>th</sup> Birthday, etc.

### After I have a picture on my computer, what can I do with it?

- Print it
- Burn it onto a disc or transfer to a flash drive
- E-mail it
- Insert it into a word processing document such as a holiday letter
- Insert it into a PowerPoint slide presentation to show at a gathering
- Put it on a website so others can view it

### Photo-sharing Websites – a few of many

- Flickr – [www.flickr.com](http://www.flickr.com)
- Snapfish – [www.snapfish.com](http://www.snapfish.com)
- SmugMug – [www.smugmug.com](http://www.smugmug.com)
- DropShots – [www.dropshots.com](http://www.dropshots.com)
- Photobucket – [www.photobucket.com](http://www.photobucket.com)
- Photosite – [www.photosite.com](http://www.photosite.com)
- dotPhoto – [www.dotphoto.com](http://www.dotphoto.com)
- Kodak Easyshare – [www.kodakgallery.com](http://www.kodakgallery.com)

### Photo Editing Software – a few of many

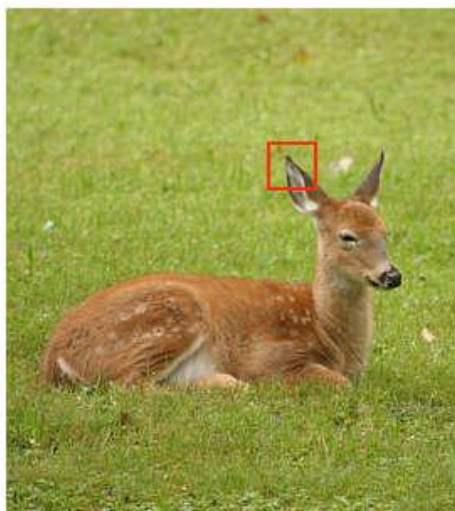
- Picasa – free, can be downloaded from the Internet at: [picasa.google.com](http://picasa.google.com)
- Adobe Photoshop – highly technical, lots of features, expensive
- Photoshop Elements – a somewhat less complicated version of the above
- Microsoft Picture It! – may come already installed on some newer computers
- Lots more along with reviews and comparisons of features can be found online at: [photo-editing-software-review.toptenreviews.com](http://photo-editing-software-review.toptenreviews.com)

### What are pixels and megapixels?

Digital camera images are made of rows of coloured dots that make up a rectangular grid to produce the whole picture. These dots are called 'pixels'. An image on a web page might be made up of 500 rows each with 400 pixels in them. The total number of pixels would be 500x400, which is 200,000 pixels. Because digital camera images are generally larger than this, it gets more convenient to talk about their sizes in terms of 'Megapixels', (Mp), where 1 Mp = 1 million pixels. Our 200,000 pixel image can then be described as 0.2 Mp.

Usage	Typical image dimensions	Image size
Web site	450x350 pixels	0.05 - 0.25 Mp
Onscreen viewing	800x600 pixels	0.5-1.5 Mp
4x6 inch	1800x1200 pixels	1.5-2.5 Mp
8x10 enlargement	2500x2000 pixels	4-5 Mp
12x16 enlargement	3200x2400 pixels	6Mp or more

The number of pixels you need depends on the use you are making of your pictures. If you are going to be satisfied with viewing your images on the web or on screen, there is generally little point in getting a camera which is more than 1.5Mp. You are simply paying more than you need and using more storage per image in the camera than you require. If the largest print you will ever want is a 4x6" print, a 2Mp camera will be fine - and you will actually find that you can get a reasonable print around 8x10 too. However if you know you will want prints this size regularly, then it makes sense to buy a 4 or 5 Mp camera.



*Digital images are made up of small squares, just like a tile mosaic on your kitchen or bathroom wall. Though a digital photograph looks smooth and continuous just like a regular photograph, it's actually composed of millions of tiny squares called pixels as shown to the left.*