



Converting Pictures & Video to Digital

Ann Stovall, 11/2016

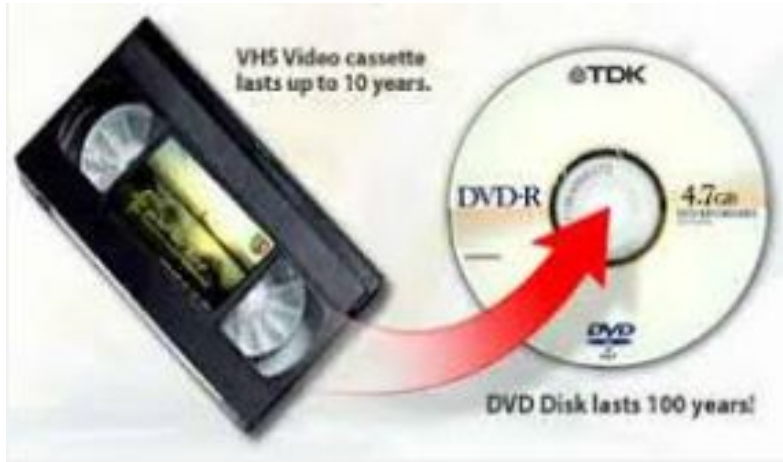
What is Converting?

Copying data from one type of data storage medium or format to another.

For example

- Photo to digital .jpeg image
- VHS Tape to DVD

Why Convert?



- Preserve
- Upgrade to new format
- Edit or enhance original
- Create

Images



Pictures

Negatives

Slides

Drawings

Letters/Recipe Cards

Greeting Cards

Video



Film

- 35mm Film
- 8mm Film

Magnetic Tape

- Beta
- VHS

DVDs

Equipment @ the Library

Scan Station



- Scan photos, documents and pages from a book.
- Scan to print, email, Google Drive or USB Drive.
- Scan as .pdf, Word document, .jpg image
- Available in the Technology Center.

Equipment @ the Library

VHS to DVD Converter

- Copy VHS tapes to DVD-R.
- Stop by the 1st floor Ask Us Desk to use the converter.



Equipment @ the Library

Computers & Laptops



- Use a Mac or Windows PC computer with photo editing and video creation software.
- Available in the Technology Center.

Converting @ Home

Slide, Negative and Film Converter



- Take JPEG snapshots from 8mm and Super 8 reels and recompile into video
- Slides/Negatives- 127VPK, 126 KPK, 110, 135
- No Computer required
- USB Upload directly to computer
- Available for checkout at the Technology Center desk.

Converting @ Home

Photo, Negative and Slide Converter



- Converts 3x5,4x6,5x7 photos, slides and negatives
- 20 megapixels digital image output
- No Computer required
- USB Upload directly to computer
- Available for checkout at the Technology Center desk.

Image File Formats



- .PNG - Portable Network Graphic
- .JPEG - JPEG Image
- .GIF - Graphical Interchange Format File
- Wikipedia- [Image File Formats](#)
- [File Info](#)

Converting @ Home

VHS to DVD



- Copy VHS tapes to DVD.
- Available for checkout at the Technology Center desk.

Converting @ Home

Videos to Digital



- Convert analog composite videos to digital format (MPEG-4)
- Requires VCR or other player
- Recording resolution: VGA 640x480
- 4GB max for each individual file
- Available for checkout at the Technology Center desk.

Video File Formats



- .wmv- Windows Movie Video
- .avi- Audio Video Interface
- .mov- Quicktime (Apple)
- [Top 10 Video File Formats](#)
- Wikipedia- [Video File Formats](#)

Saving Your Files



- Computer
- External Device (Hard Drive, Memory Card, Flash Drive)
- Cloud

Creating



Tips

Equipment

- Keep old equipment (batteries and chargers) you never know when you have to upgrade.

Saving/Editing

- Create folder system to organize pictures
- Back-up files on more than one device or location
- Create a copy of the image before editing

Cloud Services

- Do your research (Cost, Storage Size, Reviews)
- Keep track of all you online account information

Resources

Library

- Library's Website - [Digital Media Page](#) & Media [Converters](#)
- [Lynda.com](#) - Learn various software programs including GIMP, iPhoto, Photo Elements, iMovie, Vimeo and Final Cut Pro

Website

- [Understanding Image File Formats](#)
- [File Extension Information](#)
- [Flickr](#) | [Google Photos](#) | [iCloud Photo Library](#) - Cloud storage for photos
- [Best Online Photo Storage](#)
- [How to Scan & Archive Your Old Printed Photos](#)
- [5 Simple Tips to Digitize and Organize Old Photos](#)
- [Get Organized :How to Manage Video Files](#)
- [Top 10 online video editors](#)
- [Shutterfly](#) and [Walgreens](#) - Just two of the many sites that you can create photo books, calendars and more with your digital photos.
- [Vudu](#) - Store your DVD movies in the cloud and access them from anywhere.