

Table of Contents

| | |
|----------------------------|---|
| 1 NConvert User Guide..... | 1 |
|----------------------------|---|

1 NConvert User Guide

Latest release: 6.70 / [Download](#) / May 2015

Website: <http://www.xnview.com/en/nconvert/>

Forum: newsgroup.xnview.com

[Download Reference Manual as PDF](#)

NConvert is the multi-format commandline image converter for Win32, Linux, DOS, OS/2, and other platforms.

- Type "nconvert -help" for available options.
- Type "nconvert -help > nchelp.txt" to save the help text into the file "nchelp.txt".
- Convert files to a specific format

```
nconvert -out tiff file1.pic file2.jpg file3.tga
```

- Convert GIF files to JPEG files

```
nconvert -out jpeg -truecolors *.gif
```

- Convert JPEG files to GIF files

```
nconvert -out gif -dither -colors 256 *.jpeg
```

- Convert with a resize

```
nconvert -out png -resize 510 230 *.jpeg  
nconvert -out png -ratio -resize 510 0 *.jpeg  
nconvert -out png -ratio -resize 0 510 *.jpeg  
nconvert -out png -resize 200% 200% *.jpeg
```

- You can use it with images sequences.

For example, to convert the files file00.pic, file01.pic, ..., file10.pic and we convert to jpeg format with the name pattern res0.jpg, res1.jpg, ...

```
nconvert -out jpeg -n 1 10 1 -o res#.jpg file##.pic
```

- You can use % to specify source filename in dest filename.

For example, nconvert -out jpeg -o result_%.jpg file.tga creates a file named result_file.jpg

Note for Windows users: In batch files you must write %% instead of %. To bypass this problem, you can use a nconvert script instead of a batch file.

- You can control nconvert with a script, performing multiple sets of conversions on multiple sets of files, example:

```
### -out png -rtype lanczos -resize 200% 150%  
  
screenshot1.bmp  
screenshot2.bmp  
screenshot3.bmp  
### -out gif -rtype lanczos -resize 500% 500% -oil 10 -colours 32  
F:\icons\smile.bmp  
### -out bmp -rtype lanczos -resize 30% 30% -oil 2 -rotate_flag smooth -rotate 45  
selfportrait.png  
mydog.png
```

Save this into a text file, for example "nc.txt", and then run nconvert with this file as the only parameter: "nconvert nc.txt" .

Limitations:

- ◆ Add text feature uses the Win32 API and is available on Win32 only.
- ◆ Some exotical image formats use external DLL's and are available on Win32 only.
- ◆ When using a script file, avoid multiple spaces in the conversion definitions, they confuse the parser.
- ◆ Converting huge images, or scaling up to a huge size requires much memory and may not always work.

Notes for DOS users:

Since version 4.90, nconvert is supported for DOS again. It is a 32-bit DOS application, using the "DOS/32A Extender".