

Convert HEIF pictures (.HEIC, High Efficiency Image File Format)

Official Packages

As of Aug 2019, programs that support HEIF via `libheif1` include:

- **GIMP** (2.10.2+)
- **Krita**
- `heif-thumbnailer`
- `libheif-examples` – provides command-line utilities: `heif-convert` and `heif-enc`.

See [How best to search for dependencies?](#)

Unofficial Packages

If one is willing to **install a Flatpak, Snap app, or PPA**:

- **Geeqie** recently had HEIF support added. It may be installed from [PPA](#), until the official packages catch up.
- **Qt image plugin** wraps `libheif`. It was created by [jakar](#), and may be installed from [PPA](#).

Those who do not wish to install a PPA may download the packages directly from the PPA webpages to install (`dpkg -i`) or recompile. Packages installed this way will *not* be automatically updated.

Online Tools

- **Google Photos** and **Dropbox** both reportedly support HEIF.
- There are other online converters, but **check their privacy policies** before use.

Miscellaneous

- **Imagemagick**, as of 7.0.7-22, [can be compiled](#) with the `--with-libheif` flag.
- **tifig** is described as "a fast HEIF image converter aimed at thumbnailing". However, it must currently be compiled from source.
- [Nokia HEIF Info](#) and [Source Code](#). However, Apple's implementation differs somewhat.
- **Windows 10** Build 17623 includes support for HEIF in the Photos app. However, the following may need to be installed before use:
 - [HEIF Image Extensions](#)
 - [HEVC Video Extensions](#) or [HEVC Video Extensions from Device Manufacturer](#)

```
# sudo apt-get install libheif-examples
```

```
# for file in *.heic; do heif-convert $file ${file/%.heic/.jpg}; done
```