Reliefkaart met GDAL

https://medium.com/@david.moraisferreira/shaded-relief-maps-using-gdal-a-beginners-guide-6a3fe56c6d

https://blog.datawrapper.de/shaded-relief-with-gdal-python/ Anna Thieme, with Vector Tiles, intrigueing.

Follow david.moraisferreira article.

Step 0 - Data
Stukje bij Velp:
M5_33DZ2.tif M5_40BN2.tif via
PDOK https://downloads.pdok.nl/ahn3-downloadpage/

gdal_fillnodata.py opvullen DTM
gdal_fillnodata.py -md 1000 -of GTiff unfilled.tif filled.tif
md : max distance default 100
gdal_fillnodata.py M_40BN2.tif M_40BN2-fill.tif
gdal_fillnodata.py -si 2 M_40BN2.tif M_40BN2-fill.tif met 2 Smoothen Iterations

Step 1 - Build VRT
gdalbuildvrt -r nearest -a_srs “EPSG:2169” ANA_LUREF_NGL_DTM_epsg2169.vrt -input_file_list input-files-epsg2169.txt
Step 2 - Generate Hillshade
gdaldem hillshade ../data/M_40BN2-fill.tif output/M_40BN2_hillshade-fill.tif -co BIGTIFF=YES -co TILED=YES -co COMPRESS=DEFLATE -of GTiff -z 3.0 -s 0.5 -igor

test 1
gdal_fillnodata.py ../data/M_40BN2.tif ../data/M_40BN2-fill.tif
gdaldem hillshade ../data/M_40BN2-fill.tif output/M_40BN2_hillshade-fill.tif -co BIGTIFF=YES -co TILED=YES -co COMPRESS=DEFLATE -of GTiff -z 3.0 -s 1.0 -multidirectional
transparant 60.4% over BRT Achtergrondkaart in QGIS

Tip: AHN3 bladindex Bert Temme: https://github.com/bertt/ahn3