

All image extensions opencv can read:

1. JPEG (.jpg, .jpeg)
2. PNG (.png)
3. BMP (.bmp)
4. GIF (.gif)
5. TIFF (.tiff, .tif)
6. PGM (.pgm)
7. PPM (.ppm)
8. PNM (.pnm)
9. SR (Sun Raster) (.sr, .ras)
10. WebP (.webp)
11. OpenEXR (.exr)
12. HDR (.hdr)
13. JP2 (JPEG 2000) (.jp2, .j2k)
14. JXR (JPEG XR) (.jxr)
15. PGF (Progressive Graphics File) (.pgf)
16. PGPFax (.g3, .g4)
17. TGA (.tga)
18. PNM (.pnm, .pbm, .pgm, .ppm)
19. DIB (Device Independent Bitmap) (.dib)
20. JP2 (JPEG 2000) (.jp2, .j2k)