# Portable Network Graphics

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| **Portable Network Graphics** |
| PNG |
| PNG transparency demonstration 1.pngPNG transparency demonstration 2.pngA PNG image with an 8-bit transparency channel (top). The same image is overlaid onto a checkered background (bottom), typically used in [graphics software](http://en.wikipedia.org/wiki/Graphics_software) to indicate transparency. |
| [**Filename extension**](http://en.wikipedia.org/wiki/Filename_extension) | .png |
| [**Internet media type**](http://en.wikipedia.org/wiki/Internet_media_type) | image/png |
| [**Type code**](http://en.wikipedia.org/wiki/Type_code) | PNGfPNG |
| [**Uniform Type Identifier**](http://en.wikipedia.org/wiki/Uniform_Type_Identifier) | public.png |
| [**Magic number**](http://en.wikipedia.org/wiki/File_format#Magic_number) | 89 50 4e 47 0d 0a 1a 0a |
| **Developed by** | PNG Development Group (donated to [W3C](http://en.wikipedia.org/wiki/World_Wide_Web_Consortium)) |
| **Initial release** | October 1, 1996 (1996-10-01) |
| **Type of format** | [lossless](http://en.wikipedia.org/wiki/Lossless_data_compression) [bitmap](http://en.wikipedia.org/wiki/Raster_graphics) [image format](http://en.wikipedia.org/wiki/Graphics_file_format) |
| **Extended to** | [APNG](http://en.wikipedia.org/wiki/APNG), [JNG](http://en.wikipedia.org/wiki/JPEG_Network_Graphics) and [MNG](http://en.wikipedia.org/wiki/Multiple-image_Network_Graphics) |
| [**Standard(s)**](http://en.wikipedia.org/wiki/International_standard) | [ISO](http://en.wikipedia.org/wiki/International_Organization_for_Standardization)/[IEC](http://en.wikipedia.org/wiki/International_Electrotechnical_Commission) [15948](http://en.wikipedia.org/wiki/List_of_ISO_standards),[[1]](#cite_note-iso-0) [IETF](http://en.wikipedia.org/wiki/Internet_Engineering_Task_Force) [RFC 2083](//tools.ietf.org/html/rfc2083) |
| [**Open format**](http://en.wikipedia.org/wiki/Open_format)**?** | Yes |