

## :mod:`imghdr` --- Determine the type of an image

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]imghdr.rst, line 1); [backlink](#)

Unknown interpreted text role "mod".

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]imghdr.rst, line 4)

Unknown directive type "module".

```
.. module:: imghdr
   :synopsis: Determine the type of image contained in a file or byte stream.
   :deprecated:
```

Source code: `:source:`Lib/imghdr.py``

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]imghdr.rst, line 8); [backlink](#)

Unknown interpreted text role "source".

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]imghdr.rst, line 10)

Unknown directive type "deprecated".

```
.. deprecated:: 3.11
   The :mod:`imghdr` module is deprecated (see :pep:`594` for details).
```

The `:mod:`imghdr`` module determines the type of image contained in a file or byte stream.

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]imghdr.rst, line 15); [backlink](#)

Unknown interpreted text role "mod".

The `:mod:`imghdr`` module defines the following function:

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]imghdr.rst, line 18); [backlink](#)

Unknown interpreted text role "mod".

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]imghdr.rst, line 21)

Unknown directive type "function".

```
.. function:: what(file, h=None)

   Tests the image data contained in the file named by *file*, and returns a
   string describing the image type. If optional *h* is provided, the *file*
   argument is ignored and *h* is assumed to contain the byte stream to test.

.. versionchanged:: 3.6
   Accepts a :term:`path-like object`.
```

The following image types are recognized, as listed below with the return value from `:func:`what``:

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Unknown interpreted text role "func".

Value	Image format
'rgb'	SGI ImgLib Files
'gif'	GIF 87a and 89a Files
'pbm'	Portable Bitmap Files
'pgm'	Portable Graymap Files
'ppm'	Portable Pixmap Files
'tiff'	TIFF Files
'rast'	Sun Raster Files
'xbm'	X Bitmap Files
'jpeg'	JPEG data in JFIF or Exif formats
'bmp'	BMP files
'png'	Portable Network Graphics
'webp'	WebP files
'exr'	OpenEXR Files

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]imghdr.rst, line 63)**

Unknown directive type "versionadded".

```
.. versionadded:: 3.5
   The *exr* and *webp* formats were added.
```

You can extend the list of file types `mod:'imghdr'` can recognize by appending to this variable:

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]imghdr.rst, line 67); [backlink](#)**

Unknown interpreted text role "mod".

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]imghdr.rst, line 71)**

Unknown directive type "data".

```
.. data:: tests

A list of functions performing the individual tests. Each function takes two
arguments: the byte-stream and an open file-like object. When :func:`what` is
called with a byte-stream, the file-like object will be ``None``.

The test function should return a string describing the image type if the test
succeeded, or ``None`` if it failed.
```

Example:

```
>>> import imghdr
>>> imghdr.what('bass.gif')
'gif'
```