

Format	Description	Type	Extensions
BMP	Bitmap	Image	.bmp
GIF	Graphics Interchange Format	Image	.gif
HEIF	High Efficiency Image File Format	Image	.avci, .avcs, .avif, .avifs, .heic, .heics, .heif, .heifs
JPG	Joint Photographic Experts Group (JPEG)	Image	.jfi, .jfif, .jif, .jpe, .jpeg, .jpg, .thm
MPO	Stereoscopic JPEG (3D)	Image	.mpo
PNG	Portable Network Graphics	Image	.pn, .png
TIFF	Tag Image File Format	Image	.tif, .tiff
WEBP	Google WebP	Image	.webp
RAW	Unprocessed Sensor Data	Raw	.3fr, .ari, .arw, .bay, .cap, .cr2, .cr3, .crw, .data, .dcr, .dcs, .dng, .drf, .eip, .erf, .fff, .gpr, .iiq, .k25, .kdc, .mdc, .mef, .mos, .mrw, .nef, .nrw, .obm, .orf, .pef, .ptx, .pxn, .r3d, .raf, .raw, .rw2, .rwl, .rwz, .sr2, .srf, .srw, .x3f
AAE	Apple Image Edits XML	Sidecar	.aae
JSON	Serialized JSON Data (Exiftool, Google Photos)	Sidecar	.json
MD	Markdown Formatted Text	Sidecar	.markdown, .md
TOML	Serialized TOML Data (Tom's Obvious, Minimal Language)	Sidecar	.toml
TXT	Plain Text	Sidecar	.txt
XML	Extensible Markup Language	Sidecar	.xml
XMP	Adobe Extensible Metadata Platform	Sidecar	.xmp
YML	Serialized YAML Data (Config, Metadata)	Sidecar	.yaml, .yml
3G2	Mobile Multimedia Container (CDMA2000)	Video	.3g2
3GP	Mobile Multimedia Container (3G)	Video	.3gp
ASF	Advanced Systems Format	Video	.asf
AV1	AOMedia Video 1	Video	.av1
AVC	Advanced Video Coding (H.264, MPEG-4 Part 10)	Video	.avc
AVI	Microsoft Audio Video Interleave	Video	.avi
FLV	Adobe Flash	Video	.f4v, .flv
HEVC	High Efficiency Video Coding (H.265)	Video	.hevc
MJPG	Motion JPEG	Video	.mjpeg, .mjpg
MKV	Matroska Multimedia Container	Video	.mkv
MOV	Apple QuickTime	Video	.mov, .qt
MP2	MPEG 2 (H.262)	Video	.mp2, .mpv
MP4	Multimedia Container (MPEG-4 Part 14)	Video	.m4v, .mp, .mp4
MPG	Moving Picture Experts Group (MPEG)	Video	.mpeg, .mpg
MTS	Advanced Video Coding High Definition (AVCHD)	Video	.mts
OGV	Ogg Media (OGG)	Video	.ogg, .ogv, .ogx
VVC	Versatile Video Coding (H.266)	Video	.vvc
WEBM	Google WebM	Video	.webm
WMV	Windows Media	Video	.wmv

Field	Type	Exiftool	Adobe XMP	DCMI
Aperture	decimal	ApertureValue, Aperture		
FNumber	decimal	FNumber		
FPS	decimal	VideoFrameRate, VideoAvgFrameRate		
Duration	duration	Duration, MediaDuration, TrackDuration		
Flash	flag	FlashFired		
Keywords	list	Keywords		
Altitude	number	GlobalAltitude, GPSAltitude		
FocalLength	number	FocalLength		
Frames	number	FrameCount		
Height	number	PixelYDimension, ImageHeight, ImageLength, ExifImageHeight, SourceImageHeight		
ImageType	number	HDRImageType		
Iso	number	ISO		
Rotation	number	Rotation		
Width	number	PixelXDimension, ImageWidth, ExifImageWidth, SourceImageWidth		
Artist	text	Artist, Creator, OwnerName, Owner	Creator	
CameraMake	text	CameraMake, Make	Make	
CameraModel	text	CameraModel, Model	Model	
CameraOwner	text	OwnerName		
CameraSerial	text	SerialNumber		
Codec	text	CompressorID, FileType		
ColorProfile	text	ICCProfileName, ProfileDescription		
Copyright	text	Rights, Copyright, WebStatement	Rights, Rights.Alt	
Description	text	Description	Description, Description.Alt	
DocumentID	text	BurstUUID, MediaGroupUUID, ImageUniqueID, OriginalDocumentID, DocumentID		
Exposure	text	ExposureTime, ShutterSpeedValue, ShutterSpeed, TargetExposureTime		
FileName	text	FileName		
GPSLatitude	text	GPSLatitude		
GPSLongitude	text	GPSLongitude		
GPSPosition	text	GPSPosition		
InstanceID	text	InstanceID, DocumentID		
LensMake	text	LensMake		
LensModel	text	Lens, LensModel	LensModel	
License	text	UsageTerms, License		
Notes	text	Comment		
Projection	text	ProjectionType		
Software	text	Software, HistorySoftwareAgent, ProcessingSoftware		
Subject	text	Subject, PersonInImage, ObjectName, HierarchicalSubject, CatalogSets	Subject	
Title	text	Title	dc:title	title, title.Alt
TakenAt	timestamp	DateTimeOriginal, CreationDate, CreateDate, MediaCreateDate, ContentCreateDate, DateTimeDigitized, DateTime, SubSecDateTimeOriginal, SubSecCreateDate	DateCreated	
TakenAtLocal	timestamp	DateTimeOriginal, CreationDate, CreateDate, MediaCreateDate, ContentCreateDate, DateTimeDigitized, DateTime, SubSecDateTimeOriginal, SubSecCreateDate		
TakenGps	timestamp	GPSTimeStamp, GPSTimeStamp		

Filter	Type	Examples	Notes
fmax	decimal	fmax:1.245	F-number (max)
fmin	decimal	fmin:1.245	F-number (min)
lat	decimal	lat:1.245	Latitude (GPS Position)
lng	decimal	lng:1.245	Longitude (GPS Position)
chroma	number	chroma:70	Chroma (0-100)
diff	number	diff:-1 diff:2	Differential Perceptual Hash (000000-FFFFFF)
dist	number	dist:-1 dist:2	Distance in km in combination with lat/lng
quality	number	quality:0 quality:3	Quality Score (0-7)
album	string	album:berlin	Album UID or Name, supports * wildcards
albums	string	albums:"South Africa & Birds"	Album Names, can be combined with & and
camera	string	camera:canon	Camera Make/Model Name
category	string	category:"name"	Location Category Name
color	string	color:"red blue"	Color Name (purple, magenta, pink, red, orange, gold, yellow, lime, green, teal, cyan, blue, brown, white, grey, black), supports OR search with
country	string	country:"de us"	Country Code, OR search with
day	string	day:3 13	Day of Month (1-31), OR search with
face	string	face:"name"	Subject Name
faces	string	faces:yes faces:3	Minimum Number of Faces (yes = 1)
filename	string	filename:"2021/07/12345.jpg"	File Name with path and extension, OR search with
folder	string	folder:"2020/*"	Path Name, OR search with  , supports * wildcards
hash	string	hash:2fd4e1c67a2d	SHA1 File Hash, OR search with
keywords	string	keywords:"buffalo&water"	Keywords, can be combined with & and
label	string	label:cat dog	Label Name, OR search with
lens	string	lens:ef24	Lens Make/Model Name
month	string	month:7 10	Month (1-12), OR search with
name	string	name:"IMG_9831-112*"	File Name without path and extension, OR search with
original	string	original:"IMG_9831-112*"	Original file name of imported files; OR search with
path	string	path:2020/Holiday	Path Name, OR search with  , supports * wildcards
people	string	people:"Jane & John"	Subject Names, exact matches, can be combined with & and
person	string	person:"Jane Doe & John Doe"	Same as subject, only exact matches, names can be combined with & and
state	string	state:"Baden-Württemberg"	Name of State (Location), OR search with
subject	string	subject:"Jane Doe & John Doe"	Subject Names, exact matches, can be combined with & and
subjects	string	subjects:"Jane & John"	Alias for subject
title	string	title:"Lake*"	Title, OR search with
type	string	type:raw	Media Type (image, video, raw, live, animated), OR search with
uid	string	uid:pqbcf5j446s0futy	Internal Unique ID, only exact matches
year	string	year:1990 2003	Year Number, OR search with
animated	switch	animated:yes	Finds animated GIFs
archived	switch	archived:yes	Finds archived pictures
error	switch	error:yes	Finds pictures with errors
favorite	switch	favorite:yes	Finds pictures marked as favorite
geo	switch	geo:yes	Finds pictures with GPS location
hidden	switch	hidden:yes	Finds hidden pictures (broken or unsupported)
landscape	switch	landscape:yes	Finds pictures in landscape format
live	switch	live:yes	Finds Live Photos and short videos
mono	switch	mono:yes	Finds pictures with few or no colors
panorama	switch	panorama:yes	Finds pictures with an aspect ratio > 1.9:1
photo	switch	photo:yes	Finds only photos, no videos
portrait	switch	portrait:yes	Finds pictures in portrait format
primary	switch	primary:yes	Finds primary JPEG files only
private	switch	private:yes	Finds private pictures
public	switch	public:yes	Excludes private pictures
raw	switch	raw:yes	Finds pictures with RAW image file
review	switch	review:yes	Finds pictures in review
scan	switch	scan:yes	Finds scanned images and documents
square	switch	square:yes	Finds images with an aspect ratio of 1:1
stack	switch	stack:yes	Finds pictures with more than one media file
stackable	switch	stackable:yes	Finds pictures that can be stacked with additional media files

unsorted	switch	unsorted:yes	Finds pictures not in an album
unstacked	switch	unstacked:yes	Finds pictures which a file that has been removed from a stack
vector	switch	vector:yes	Finds vector graphics only
video	switch	video:yes	Finds video files only
after	timestamp	after:"2022-01-30 15:23:42"	Finds pictures taken after this date
before	timestamp	before:"2022-01-30 15:23:42"	Finds pictures taken before this date