

ID3 Tags

ExifTool extracts ID3 and Lyrics3 information from MP3, MPEG, WAV, AIFF, OGG, FLAC, APE, MPC and RealAudio files. ID3v2 tags which support multiple languages (eg. Comment and Lyrics) are extracted by specifying the tag name, followed by a dash ('-'), then a 3-character ISO 639-2 language code (eg. "Comment-spa"). See <https://id3.org/> for the official ID3 specification and http://www.loc.gov/standards/iso639-2/php/code_list.php for a list of ISO 639-2 language codes.

Tag Name	Writable	Values / Notes
ID3v1	-	--> ID3 v1 Tags
ID3v1_Enh	-	--> ID3 v1_Enh Tags
ID3v2_2	-	--> ID3 v2_2 Tags
ID3v2_3	-	--> ID3 v2_3 Tags
ID3v2_4	-	--> ID3 v2_4 Tags

ID3 v1 Tags

Index1	Tag Name	Writable	Values / Notes
3	Title	no	
33	Artist	no	
63	Album	no	
93	Year	no	
97	Comment	no	
125	Track	no	(v1.1 addition -- last 2 bytes of v1.0 Comment field)
127	Genre	no	(CR and RX are ID3v2 only)
			0 = Blues
			1 = Classic Rock
			2 = Country
			3 = Dance
			4 = Disco
			5 = Funk
			6 = Grunge
			7 = Hip-Hop
			8 = Jazz
			9 = Metal
			10 = New Age
			11 = Oldies
			12 = Other
			13 = Pop
			14 = R&B
			15 = Rap
			16 = Reggae
			17 = Rock
			18 = Techno
			19 = Industrial
			20 = Alternative
			21 = Ska
			22 = Death Metal
			23 = Pranks
			24 = Soundtrack
			25 = Euro-Techno
			26 = Ambient
			27 = Trip-Hop
			65 = Cabaret
			66 = New Wave
			67 = Psychedelic
			68 = Rave
			69 = Showtunes
			70 = Trailer
			71 = Lo-Fi
			72 = Tribal
			73 = Acid Punk
			74 = Acid Jazz
			75 = Polka
			76 = Retro
			77 = Musical
			78 = Rock & Roll
			79 = Hard Rock
			80 = Folk
			81 = Folk-Rock
			82 = National Folk
			83 = Swing
			84 = Fast-Fusion
			85 = Bebop
			86 = Latin
			87 = Revival
			88 = Celtic
			89 = Bluegrass
			90 = Avantgarde
			91 = Gothic Rock
			92 = Progressive Rock
			130 = Terror
			131 = Indie
			132 = BritPop
			133 = Afro-Punk
			134 = Polsk Punk
			135 = Beat
			136 = Christian Gangsta Rap
			137 = Heavy Metal
			138 = Black Metal
			139 = Crossover
			140 = Contemporary
			Christian
			141 = Christian Rock
			142 = Merengue
			143 = Salsa
			144 = Thrash Metal
			145 = Anime
			146 = JPop
			147 = Synthpop
			148 = Abstract
			149 = Art Rock
			150 = Baroque
			151 = Bhangra
			152 = Big Beat
			153 = Breakbeat
			154 = Chillout
			155 = Downtempo
			156 = Dub

28 = Vocal	93 = Psychedelic	157 = EBM
29 = Jazz+Funk	Rock	158 = Eclectic
30 = Fusion	94 = Symphonic Rock	159 = Electro
31 = Trance	95 = Slow Rock	160 = Electroclash
32 = Classical	96 = Big Band	161 = Emo
33 = Instrumental	97 = Chorus	162 = Experimental
34 = Acid	98 = Easy Listening	163 = Garage
35 = House	99 = Acoustic	164 = Global
36 = Game	100 = Humour	165 = IDM
37 = Sound Clip	101 = Speech	166 = Illbient
38 = Gospel	102 = Chanson	167 = Industro-Goth
39 = Noise	103 = Opera	168 = Jam Band
40 = Alt. Rock	104 = Chamber Music	169 = Krautrock
41 = Bass	105 = Sonata	170 = Leftfield
42 = Soul	106 = Symphony	171 = Lounge
43 = Punk	107 = Booty Bass	172 = Math Rock
44 = Space	108 = Primus	173 = New Romantic
45 = Meditative	109 = Porn Groove	174 = Nu-Breakz
46 = Instrumental Pop	110 = Satire	175 = Post-Punk
47 = Instrumental	111 = Slow Jam	176 = Post-Rock
Rock	112 = Club	177 = Psytrance
48 = Ethnic	113 = Tango	178 = Shoegaze
49 = Gothic	114 = Samba	179 = Space Rock
50 = Darkwave	115 = Folklore	180 = Trop Rock
51 = Techno-Industrial	116 = Ballad	181 = World Music
52 = Electronic	117 = Power Ballad	182 = Neoclassical
53 = Pop-Folk	118 = Rhythmic Soul	183 = Audiobook
54 = Eurodance	119 = Freestyle	184 = Audio Theatre
55 = Dream	120 = Duet	185 = Neue Deutsche Welle
56 = Southern Rock	121 = Punk Rock	186 = Podcast
57 = Comedy	122 = Drum Solo	187 = Indie Rock
58 = Cult	123 = A Cappella	188 = G-Funk
59 = Gangsta Rap	124 = Euro-House	189 = Dubstep
60 = Top 40	125 = Dance Hall	190 = Garage Rock
61 = Christian Rap	126 = Goa	191 = Psybient
62 = Pop/Funk	127 = Drum & Bass	255 = None
63 = Jungle	128 = Club-House	'CR' = Cover
64 = Native American	129 = Hardcore	'RX' = Remix

ID3 v1_Enh Tags

ID3 version 1 "Enhanced TAG" information (not part of the official spec).

Index1 Tag Name Writable Values / Notes

4 Title2	no	
64 Artist2	no	
124 Album2	no	
184 Speed	no	1 = Slow 2 = Medium 3 = Fast 4 = Hardcore
185 Genre	no	
215 StartTime	no	
221 EndTime	no	

ID3 v2_2 Tags

ExifTool extracts mainly text-based tags from ID3v2 information. The tags in the tables below are those

extracted by ExifTool, and don't represent a complete list of available ID3v2 tags.

ID3 version 2.2 tags. (These are the tags written by iTunes 5.0.)

Tag ID	Tag Name	Writable	Values / Notes
'CNT'	PlayCounter	no	
'COM'	Comment	no	
'GP1'	Grouping	no	
'IPL'	InvolvedPeople	no	
'ITU'	iTunesU?	no	
'MVI'	MovementNumber	no	
'MVN'	MovementName	no	
'PCS'	Podcast?	no	
'PIC'	Picture	no	(the 3 tags below are also extracted from this PIC frame)
'PIC-1'	PictureFormat	no	
'PIC-2'	PictureType	no	--> ID3 PictureType Values
'PIC-3'	PictureDescription	no	
'POP'	Popularimeter	no	
'RVA'	RelativeVolumeAdjustment	no	
'SLT'	SynLyrics	-	--> ID3 SynLyrics Tags
'TAL'	Album	no	
'TBP'	BeatsPerMinute	no	
'TCM'	Composer	no	
'TCO'	Genre	no	(uses same lookup table as ID3v1 Genre)
'TCP'	Compilation	no	0 = No 1 = Yes
'TCR'	Copyright	no	
'TDA'	Date	no	
'TDY'	PlaylistDelay	no	
'TEN'	EncodedBy	no	
'TFT'	FileType	no	
'TIM'	Time	no	
'TKE'	InitialKey	no	
'TLA'	Language	no	
'TLE'	Length	no	
'TMT'	Media	no	
'TOA'	OriginalArtist	no	
'TOF'	OriginalFileName	no	
'TOL'	OriginalLyricist	no	
'TOR'	OriginalReleaseYear	no	
'TOT'	OriginalAlbum	no	
'TP1'	Artist	no	
'TP2'	Band	no	
'TP3'	Conductor	no	

'TP4'	InterpretedBy	no
'TPA'	PartOfSet	no
'TPB'	Publisher	no
'TRC'	ISRC	no
'TRD'	RecordingDates	no
'TRK'	Track	no
'TS2'	AlbumArtistSortOrder	no
'TSA'	AlbumSortOrder	no
'TSC'	ComposerSortOrder	no
'TSI'	Size	no
'TSP'	PerformerSortOrder	no
'TSS'	EncoderSettings	no
'TST'	TitleSortOrder	no
'TT1'	Grouping	no
'TT2'	Title	no
'TT3'	Subtitle	no
'TXT'	Lyricist	no
'TXX'	UserDefinedText	no
'TYE'	Year	no
'ULT'	Lyrics	no
'WAF'	FileURL	no
'WAR'	ArtistURL	no
'WAS'	SourceURL	no
'WCM'	CommercialURL	no
'WCP'	CopyrightURL	no
'WPB'	PublisherURL	no
'WXX'	UserDefinedURL	no

ID3 PictureType Values

Value	PictureType	Value	PictureType	Value	PictureType
0 = Other		7 = Lead Artist		14 = Recording Session	
1 = 32x32 PNG Icon		8 = Artist		15 = Performance	
2 = Other Icon		9 = Conductor		16 = Capture from Movie or Video	
3 = Front Cover		10 = Band		17 = Bright(ly) Colored Fish	
4 = Back Cover		11 = Composer		18 = Illustration	
5 = Leaflet		12 = Lyricist		19 = Band Logo	
6 = Media		13 = Recording Studio or Location		20 = Publisher Logo	

ID3 SynLyrics Tags

The following tags are extracted from synchronized lyrics/text frames.

Tag Name	Writable	Values / Notes
SynchronizedLyricsDescription	no	

SynchronizedLyricsText	no+	(each list item has a leading time stamp in square brackets. Time stamps may be in seconds with format [MM:SS.ss], or MPEG frames with format [FFFF], depending on how this information was stored)
SynchronizedLyricsType	no	0 = Other 1 = Lyrics 2 = Text Transcription 3 = Movement/part Name 4 = Events 5 = Chord 6 = Trivia/"pop-up" Information 7 = Web Page URL 8 = Image URL

ID3 v2_3 Tags

ID3 version 2.3 tags. Includes some non-standard tags written by other software.

Tag ID	Tag Name	Writable	Values / Notes
'APIC'	Picture	no	(the 3 tags below are also extracted from this APIC frame)
'APIC-1'	PictureMIMETYPE	no	
'APIC-2'	PictureType	no	--> ID3 PictureType Values
'APIC-3'	PictureDescription	no	
'COMM'	Comment	no	
'GEOB'	GeneralEncapsulatedObject	-	--> ID3 GEOB Tags
'GRP1'	Grouping	no	
'IPLS'	InvolvedPeople	no	
'ITNU'	iTunesU?	no	
'MCDI'	MusicCDIdentifier	no	
'MVIN'	MovementNumber	no	
'MVNM'	MovementName	no	
'OWNE'	Ownership	no	
'PCNT'	PlayCounter	no	
'PCST'	Podcast?	no	
'POPM'	Popularimeter	no	
'PRIV'	Private	-	--> ID3 Private Tags
'SYLT'	SynLyrics	-	--> ID3 SynLyrics Tags
'TALB'	Album	no	
'TBPM'	BeatsPerMinute	no	
'TCAT'	PodcastCategory	no	
'TCMP'	Compilation	no	0 = No 1 = Yes
'TCOM'	Composer	no	
'TCON'	Genre	no	(uses same lookup table as ID3v1 Genre)
'TCOP'	Copyright	no	
'TDAT'	Date	no	
'TDES'	PodcastDescription	no	
'TDLY'	PlaylistDelay	no	

'TENC'	EncodedBy	no
'TEXT'	Lyricist	no
'TFLT'	FileType	no
'TGID'	PodcastID	no
'TIME'	Time	no
'TIT1'	Grouping	no
'TIT2'	Title	no
'TIT3'	Subtitle	no
'TKEY'	InitialKey	no
'TKWD'	PodcastKeywords	no
'TLAN'	Language	no
'TLEN'	Length	no
'TMED'	Media	no
'TOAL'	OriginalAlbum	no
'TOFN'	OriginalFileName	no
'TOLY'	OriginalLyricist	no
'TOPE'	OriginalArtist	no
'TORY'	OriginalReleaseYear	no
'TOWN'	FileOwner	no
'TPE1'	Artist	no
'TPE2'	Band	no
'TPE3'	Conductor	no
'TPE4'	InterpretedBy	no
'TPOS'	PartOfSet	no
'TPUB'	Publisher	no
'TRCK'	Track	no
'TRDA'	RecordingDates	no
'TRSN'	InternetRadioStationName	no
'TRSO'	InternetRadioStationOwner	no
'TSIZ'	Size	no
'TSO2'	AlbumArtistSortOrder	no
'TSOC'	ComposerSortOrder	no
'TSRC'	ISRC	no
'TSSE'	EncoderSettings	no
'TXXX'	UserDefinedText	no
'TYER'	Year	no
'USER'	TermsOfUse	no
'USLT'	Lyrics	no
'WCOM'	CommercialURL	no
'WCOP'	CopyrightURL	no
'WFED'	PodcastURL	no
'WOAF'	FileURL	no
'WOAR'	ArtistURL	no

'WOAS'	SourceURL	no	
'WORS'	InternetRadioStationURL	no	
'WPAY'	PaymentURL	no	
'WPUB'	PublisherURL	no	
'WXXX'	UserDefinedURL	no	
'XDOR'	OriginalReleaseTime	no	
'XOLY'	OlympusDSS	-	--> Olympus DSS Tags
'XSOA'	AlbumSortOrder	no	
'XSOP'	PerformerSortOrder	no	
'XSOT'	TitleSortOrder	no	

ID3 GEOB Tags

Tag ID	Tag Name	Writable	Values / Notes
'GEOB-Data'	GEOB-Data	no	
'GEOB-Desc'	GEOB-Desc	no	
'GEOB-File'	GEOB-File	no	
'GEOB-Mime'	GEOB-Mime	no	
'application/x-c2pa-manifest-store'	JUMBF	-	--> Jpeg2000 Tags

ID3 Private Tags

ID3 private (PRIV) tags. ExifTool will decode any private tags found, even if they do not appear in this table.

Tag Name	Writable	Values / Notes
AverageLevel	no	
PeakValue	no	
WM_CollectionGroupID	no	
WM_CollectionID	no	
WM_ContentID	no	
WM_MediaClassPrimaryID	no	
WM_MediaClassSecondaryID	no	
WM_Provider	no	
XMP	-	--> XMP Tags

ID3 v2_4 Tags

ID3 version 2.4 tags. Includes some non-standard tags written by other software.

Tag ID	Tag Name	Writable	Values / Notes
'APIC'	Picture	no	(the 3 tags below are also extracted from this APIC frame)
'APIC-1'	PictureMIMEType	no	
'APIC-2'	PictureType	no	--> ID3 PictureType Values
'APIC-3'	PictureDescription	no	

'COMM'	Comment	no	
'GEOB'	GeneralEncapsulatedObject	-	--> ID3 GEOB Tags
'GRP1'	Grouping	no	
'ITNU'	iTunesU?	no	
'MCDI'	MusicCDIdentifier	no	
'MVIN'	MovementNumber	no	
'MVNM'	MovementName	no	
'OWNE'	Ownership	no	
'PCNT'	PlayCounter	no	
'PCST'	Podcast?	no	
'POPM'	Popularimeter	no	
'PRIV'	Private	-	--> ID3 Private Tags
'RVA2'	RelativeVolumeAdjustment	no	
'SYLT'	SynLyrics	-	--> ID3 SynLyrics Tags
'TALB'	Album	no	
'TBPM'	BeatsPerMinute	no	
'TCAT'	PodcastCategory	no	
'TCMP'	Compilation	no	0 = No 1 = Yes
'TCOM'	Composer	no	
'TCON'	Genre	no	(uses same lookup table as ID3v1 Genre)
'TCOP'	Copyright	no	
'TDEN'	EncodingTime	no	
'TDES'	PodcastDescription	no	
'TDLY'	PlaylistDelay	no	
'TDOR'	OriginalReleaseTime	no	
'TDRC'	RecordingTime	no	
'TDRL'	ReleaseTime	no	
'TDTG'	TaggingTime	no	
'TENC'	EncodedBy	no	
'TEXT'	Lyricist	no	
'TFLT'	FileType	no	
'TGID'	PodcastID	no	
'TIPL'	InvolvedPeople	no	
'TIT1'	Grouping	no	
'TIT2'	Title	no	
'TIT3'	Subtitle	no	
'TKEY'	InitialKey	no	
'TKWD'	PodcastKeywords	no	
'TLAN'	Language	no	
'TLEN'	Length	no	
'TMCL'	MusicianCredits	no	
'TMED'	Media	no	

'TMOO'	Mood	no	
'TOAL'	OriginalAlbum	no	
'TOFN'	OriginalFileName	no	
'TOLY'	OriginalLyricist	no	
'TOPE'	OriginalArtist	no	
'TOWN'	FileOwner	no	
'TPE1'	Artist	no	
'TPE2'	Band	no	
'TPE3'	Conductor	no	
'TPE4'	InterpretedBy	no	
'TPOS'	PartOfSet	no	
'TPRO'	ProducedNotice	no	
'TPUB'	Publisher	no	
'TRCK'	Track	no	
'TRSN'	InternetRadioStationName	no	
'TRSO'	InternetRadioStationOwner	no	
'TSO2'	AlbumArtistSortOrder	no	
'TSOA'	AlbumSortOrder	no	
'TSOC'	ComposerSortOrder	no	
'TSOP'	PerformerSortOrder	no	
'TSOT'	TitleSortOrder	no	
'TSRC'	ISRC	no	
'TSSE'	EncoderSettings	no	
'TSST'	SetSubtitle	no	
'TXXX'	UserDefinedText	no	
'USER'	TermsOfUse	no	
'USLT'	Lyrics	no	
'WCOM'	CommercialURL	no	
'WCOP'	CopyrightURL	no	
'WFED'	PodcastURL	no	
'WOAF'	FileURL	no	
'WOAR'	ArtistURL	no	
'WOAS'	SourceURL	no	
'WORS'	InternetRadioStationURL	no	
'WPAY'	PaymentURL	no	
'WPUB'	PublisherURL	no	
'WXXX'	UserDefinedURL	no	
'XDOR'	OriginalReleaseTime	no	
'XOLY'	OlympusDSS	-	--> Olympus DSS Tags
'XSOA'	AlbumSortOrder	no	
'XSOP'	PerformerSortOrder	no	
'XSOT'	TitleSortOrder	no	

ID3 Lyrics3 Tags

ExifTool extracts Lyrics3 version 1.00 and 2.00 tags from any file that supports ID3. See <https://id3.org/Lyrics3> for the specification.

Tag ID	Tag Name	Writable Values / Notes
'AUT'	Author	no
'CRC'	CRC	no
'EAL'	ExtendedAlbumName	no
'EAR'	ExtendedArtistName	no
'ETT'	ExtendedTrackTitle	no
'IMG'	AssociatedImageFile	no
'IND'	Indications	no
'INF'	AdditionalInfo	no
'LYR'	Lyrics	no

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[<-- ExifTool Tag Names](#)