* **List of File format to store audio, video and image files:**
* **Audio:**

1. Mp3
2. WMA
3. WAV

* **Image:**

1. JPG
2. PNG
3. GIF

* **Video:**

1. Mp4
2. AVI
3. WMV

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| Sr.no | Audio/video/image | File format | Advantage | Disadvantage | Comment |
| 1. | Audio | Mp3 | Reduced file size that is often smaller by a factor of 12 when compared to CD Digital Audio or CDDA. The audio quality is relatively comparable to the quality of uncompressed audio stored in compact discs. | The format is a lossy compression. This means it is actually not comparable to CDDA or other uncompressed formats in terms of audio quality. |  |
| 2. | Audio | WMA | Protecting the music copyrights and strongly preventing piracy by using DRM (Digital Rights Management) facility, which is embraced by musicians and music publishers. | WMA format is proprietary and protected by DRM, compatibility can be a huge issue because of the less support from other platforms or various of mainstream devices, which makes this format's advantage a disadvantage as well in some cases. |  |
| 3. | Audio | WAV | WAV files are lossless files. This means that the WAV file doesn’t lose any of its quality when it is stored, whereas MP3 files are lossy files. Because WAV is lossless, WAV files can be considered High Fidelity, where MP3 files cannot. | WAV files don’t have the same sorts of compression rates that MP3 files have. This means that a WAV file will be significantly larger than an MP3 file, taking up much more space on your computer’s hard drive. |  |
| 4. | Image | JPG | Smaller file size. | **Inflexible Application** |  |
| 5. | Image | PNG | **Wide Colour Depth** | **Bigger File Size** |  |
| 6. | Image | GIF | Easy to made | Cannot edit again |  |
| 7. | Video | Mp4 | One of the key advantages of the MP4 format is that it can be used on multiple platforms, thus making it easier to use and distribute. | Audio can drift out of sync with the video in some cases because of issues with codecs or codec-player compatibility. |  |
| 8. | Video | AVI | **AVI file format offers high quality audio, to make it compatible with the DV standard, DV-AVI standard can be compressed unlike other audio/video formats, it is developed by Microsoft as a file format for its media player applications that makes it playable with all the main Microsoft & non-Microsoft operating systems.** | **AVI file if compressed beyond certain limits result in the loss of video quality, AVI file format does not natively support MPEG-4 codec, it does not support subtitles and it tends to be larger than most video formats.** |  |
| 9. | Video | WMV | WMV format contains a large quantity of video and audio information in smaller storage spaces. This makesWMVan ideal format for streaming videos over the Internet, as Microsoft originally intended. | Video transmission sometimes can be delayed. |  |