

PDF to Audiobook Converter

Convert any PDF book into an MP3 audiobook — **completely free**, no API keys needed.

Quick Setup (Windows)

```
# 1. Install Python dependencies
pip install pymupdf edge-tts pydub

# 2. Install ffmpeg (needed for merging audio chunks into one file)
#   Option A: Using Chocolatey
choco install ffmpeg

#   Option B: Manual download from https://ffmpeg.org/download.html
#   Add ffmpeg to your system PATH after downloading
```

Usage

Basic — Convert entire book

```
python pdf_to_audiobook.py "my_book.pdf"
```

Choose a voice

```
# List all available voices
python pdf_to_audiobook.py --list-voices

# Use a specific voice
python pdf_to_audiobook.py "my_book.pdf" --voice "en-US-AvaNeural"      # Female
python pdf_to_audiobook.py "my_book.pdf" --voice "en-US-AndrewNeural"  # Male,
python pdf_to_audiobook.py "my_book.pdf" --voice "en-GB-SoniaNeural"    # Female
python pdf_to_audiobook.py "my_book.pdf" --voice "en-US-DavisNeural"    # Male,
```

Convert specific pages (great for testing first!)

```
# Test with just 5 pages first to check the voice
python pdf_to_audiobook.py "my_book.pdf" --start-page 1 --end-page 5
```

```
# Convert chapters 3-5 (pages 45-120)
python pdf_to_audiobook.py "my_book.pdf" --start-page 45 --end-page 120
```

Adjust narration speed

```
python pdf_to_audiobook.py "my_book.pdf" --rate "+15%" # 15% faster
python pdf_to_audiobook.py "my_book.pdf" --rate "-10%" # 10% slower
```

Custom output filename

```
python pdf_to_audiobook.py "my_book.pdf" --output "My Audiobook.mp3"
```

Recommended Voices for Audiobooks

Voice	Style	ID
Andrew	Male, warm narrator	en-US-AndrewNeural
Ava	Female, clear and natural	en-US-AvaNeural
Brian	Male, deep and smooth	en-US-BrianNeural
Davis	Male, calm narrator	en-US-DavisNeural
Sonia	Female, British accent	en-GB-SoniaNeural
Ryan	Male, British accent	en-GB-RyanNeural

Tips for 700+ Page Books

1. **Test first!** Run on 5-10 pages to pick your favorite voice before converting the whole book:

```
python pdf_to_audiobook.py "book.pdf" -s 1 -e 5 --voice "en-US-BrianNeural"
```

2. **Expect processing time:** A 700-page book may take 30-60+ minutes to generate depending on your internet speed (Edge-TTS is a cloud service).
3. **File size:** Expect roughly 1-2 GB for a full 700-page audiobook at 128kbps.

4. **If it fails midway:** Use `--no-merge --start-page X` to resume from where it stopped, then manually merge later.
5. **Transfer to phone:** Just copy the MP3 file to your phone and use any music/podcast app to listen.

Troubleshooting

Problem	Solution
"No text found"	Your PDF might be scanned images. You'll need OCR — let me know and I can help add that.
Merge fails	Install ffmpeg: <code>choco install ffmpeg</code> (Windows) or <code>brew install ffmpeg</code> (Mac)
Garbled text in audio	The PDF has complex formatting. Try a different PDF export of the book.
Takes too long	Convert in sections using <code>--start-page</code> and <code>--end-page</code>