

Free AI Tools Directory

Complete guide to free AI tools with features and tips - GiggaDev Learn

AI Chatbots

Tool	Free Tier	Best For
ChatGPT	GPT-4o limited, 2-3 images/day	General purpose, coding
Claude	~50 messages/day, 200K context	Long docs, writing
Gemini	Deep Research, 1M context	Research, Google users
Copilot	GPT-4, 15 images/day	Microsoft 365 users
Perplexity	Multiple models, citations	Research with sources

Which Chatbot for Which Task?

Task	Best Choice	Why
Code debugging	ChatGPT	Best code understanding
Long document analysis	Claude	200K token context
Research with citations	Perplexity	Always includes sources
Google Docs/Gmail	Gemini	Native integration
Creative writing	Claude	Best nuanced writing

PRO TIP: Create free accounts on multiple chatbots. Different AI assistants have different strengths - use the right tool for each task.

Image Generators

Tool	Free Tier	Best For
Leonardo AI	~150 tokens/day	High-quality artistic images
Playground AI	~10 images/3 hours	Commercial use OK
Ideogram	Daily credits	Text in images
Craiyon	Unlimited (watermarked)	Quick experiments
Canva AI	Limited generations	Design + AI

Image Prompt Tips

STYLE Specify the artistic style

"photorealistic", "watercolor painting", "Studio Ghibli style", "oil painting", "digital art", "pencil sketch"

LIGHTING Define the light source and mood

"soft natural light", "golden hour", "dramatic shadows", "neon glow", "backlit", "studio lighting"

COMPOSITION Describe camera angle and framing

"close-up portrait", "wide landscape shot", "bird's eye view", "macro photography", "centered composition"

Prompt Quality Comparison

Vague:
"cute dog"

Specific:
"A golden retriever puppy playing in autumn leaves, soft sunlight filtering through trees, photorealistic, shallow depth of field"

Writing Tools

Tool	Free Tier	Best For
Grammarly	Grammar, spelling, basic tone	Email editing
QuillBot	125 words, 2 modes	Paraphrasing
Copy.ai	2,000 words/month	Marketing copy

Research & Learning

Tool	Free Tier	Best For
NotebookLM	100 notebooks, 50 sources each	Document analysis
Otter.ai	300 min/month transcription	Meeting notes
Consensus	Limited searches	Scientific papers

NotebookLM: Step-by-Step Guide

NotebookLM is Google's AI that answers questions ONLY from your uploaded documents - no hallucinations!

- 1 Create a Notebook**
Go to [notebooklm.google](#) and click "New Notebook"
- 2 Upload Sources**
Add PDFs, paste URLs, or link Google Docs (up to 50 sources)
- 3 Ask Questions**
AI answers using ONLY your uploaded content with citations
- 4 Generate Audio Overview**
Create podcast-style summaries of your sources

PERFECT FOR: Studying textbooks, analyzing reports, researching multiple sources, creating study guides

Tool Selection Quick Guide

I want to...	Use This Tool
Write professional emails	ChatGPT or Claude
Analyze a long PDF document	Claude or NotebookLM
Research with cited sources	Perplexity
Create marketing images	Leonardo AI or Playground
Generate images with text/logos	Ideogram
Fix grammar and spelling	Grammarly
Rewrite content differently	QuillBot
Transcribe meetings/lectures	Otter.ai
Find scientific research	Consensus
Study from multiple sources	NotebookLM

Maximizing Free Tiers

Daily Limits

- ChatGPT: ~30 GPT-4o queries
- Claude: ~50 messages
- Gemini: Unlimited (basic)
- Copilot: 15 images/day

Pro Tips

- Switch tools when limits hit
- Use less advanced models for simple tasks
- Save complex queries for best tools
- Create accounts on multiple services

Important Notes

- Free tier limits may change - always check official websites
- Don't share sensitive/confidential data with AI tools
- Verify important information from AI responses
- Review terms of service for commercial use

START HERE: Create free accounts on ChatGPT, Claude, and Perplexity today. That covers 90% of use cases!