

Step-by-Step Guide to Getting a Gemini API Key

This guide will walk you through the process of obtaining a Google Gemini API key from Google AI Studio, which is completely free to get started.

Step 1: Navigate to Google AI Studio

Open your web browser and go to the official Google AI Studio website.

- **URL:** <https://aistudio.google.com/app/apikey>

You will need to be logged in with a Google account to proceed. If you aren't already, the site will prompt you to sign in.

Step 2: Create a New API Key

Once you are on the API key management page, you will see an option to create a new key.

1. Click the **"Create API key in new project"** button.
2. Google will automatically create a new project for you in Google Cloud and generate the API key.
3. A pop-up window will appear displaying your newly created API key.

Step 3: Copy Your API Key

Your API key is a long string of letters, numbers, and symbols. It is a unique identifier that authenticates your requests to the Gemini API.

1. Click the **copy icon** next to the displayed key to copy it to your clipboard.
2. **Immediately save this key** in a secure location, such as a password manager or a private text file. You will not be able to view it again once you close this pop-up.

Step 4: Use Your API Key

With your API key copied, you can now use it in your application.

For your "Prompt Fix & JSON Converter" tool, simply paste the copied key into the **"Gemini AI API Key"** input field and click the **"Save"** button. The key will be stored in your browser's local storage and used for all subsequent API calls.

Important Security Note: Your API key is like a password. Do not share it publicly or expose it in client-side code that you don't control. If a key is compromised, you can revoke it from the Google AI Studio dashboard and create a new one.