

X



(https://swayam.gov.in)



(https://swayam.gov.in/nc_details/IGNOU)

mohana@rvce.edu.in ▾

[IGNOU \(https://swayam.gov.in/explorer?ncCode=IGNOU\)](https://swayam.gov.in/explorer?ncCode=IGNOU) » [Introduction to Cyber Security \(course\)](#)

≡

Course outline

[INTRODUCTION TO CYBER SPACE \(\)](#)[CYBER CRIME \(\)](#)[INFORMATION SECURITY \(\)](#)[ETHICAL ASPECT OF INFORMATION SECURITY \(\)](#)[QUIZ 1 \(\)](#)[CHOOSING THE BEST BROWSER ACCORDING TO THE REQUIREMENTS \(\)](#)[SECURING WEB BROWSERS \(\)](#)[ANTIVIRUS \(\)](#)

Two step authentication process

How to Set up 2 Step Verification in Gmail

Two-Step Verification is an additional layer of security that you can add onto your Gmail account. When enabled, you will have to enter your password, and enter a special code that is sent to your device, or verify the sign in attempt on your phone. This dramatically increases the security of your account and makes sure that hackers can't get into your account even if they guess or steal your password. This wikiHow teaches you how to enable two-step verification on Gmail.

Method 1 Text Message or Voice Call

1 Decide if you want to use the text message or voice call option. With this enabled, a code will be sent to your phone via text, or Google will call your phone and tell you the code. You then enter this code into the sign in prompt in order to sign in.



E-MAIL
SECURITY ()

QUIZ 2 ()

GUIDELINES
FOR
SECURE
PASSWORD
()

TWO-STEP
AUTHENTICATION
()

- Introduction
(unit?
unit=45&lesson=46)
- Two step
authentication
process
(unit?
unit=45&lesson=47)

USING
PASSWORD
MANAGER ()

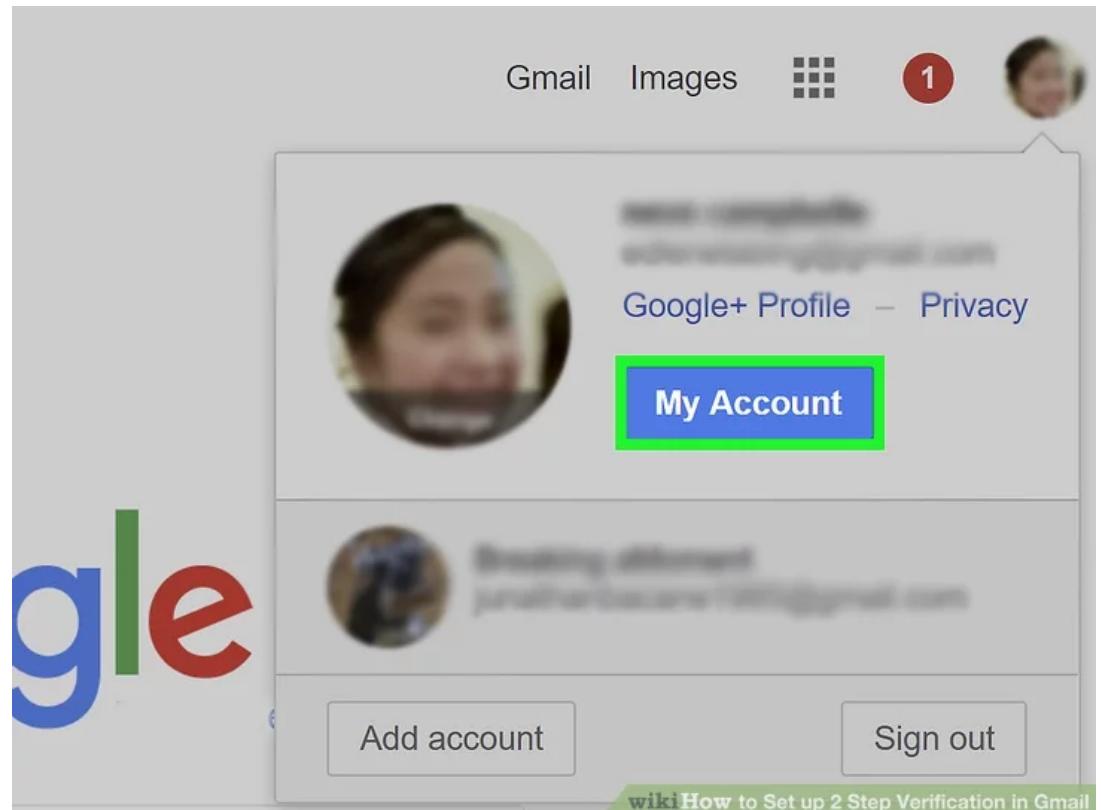
WI-FI
SECURITY ()

QUIZ 3 ()

GUIDELINES
FOR SOCIAL
MEDIA
SECURITY ()

TIPS AND
BEST
PRACTICES
FOR SAFER
SOCIAL
NETWORKING
()

BASIC
SECURITY
FOR
WINDOWS ()



2 Go to Google's "My Account" page. You can find it at the following address:

<https://myaccount.google.com/>

If you aren't signed into your Google account, click Sign in in the top-right corner of the page and enter your Gmail email address and password.



USER
ACCOUNT
PASSWORD
FOR
WINDOWS ()

QUIZ 4 ()

INTRODUCTION
TO MOBILE
PHONES ()

SMARTPHONE
SECURITY ()

ANDROID
SECURITY ()

IOS
SECURITY ()

QUIZ 5 ()

CYBER
SECURITY
INITIATIVES
IN INDIA ()

CYBER
SECURITY
EXERCISE ()

CYBER
SECURITY
ASSURANCE
()

CYBER
SECURITY
INCIDENT
HANDLING ()

QUIZ 6 ()

ONLINE
BANKING
SECURITY ()

MOBILE
BANKING
SECURITY ()

My Account

Welcome, neve campi

Control, protect, and secure your

My Account gives you quick access to settings and tools that let you safely control your account. Your account information can make Google services



Sign-in & security



Control your password and Google Account access.

Ma
per

wikiHow to Set up 2 Step Verification in Gmail

(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/02.png)

3 Click Sign-in & security. It's on the left side of the page.

Password & sign-in method

Your password protects your account. You can also add a protection with 2-Step Verification, which sends a single-use phone for you to enter when you sign in. So even if someone gets your password, it is not enough to get into your account.

Note: To change these settings, you will need to confirm your identity.

Password

Last changed: January 1, 2023

2-Step Verification

Off

wikiHow to Set up 2 Step Verification in Gmail

(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/03.png)

**CREDIT
CARD AND
DEBIT CARD
SECURITY ()**

**UPI Security
()**

QUIZ 7 ()

**E-WALLET
SECURITY ()**

**SECURITY
OF MICRO
ATMs ()**

QUIZ 8 ()

**SOCIAL
ENGINEERING
()**

**TYPES OF
SOCIAL
ENGINEERING
()**

**HOW CYBER
CRIMINALS
WORKS? ()**

**HOW TO
PREVENT
FOR BEING
A VICTIM OF
CYBER
CRIME ()**

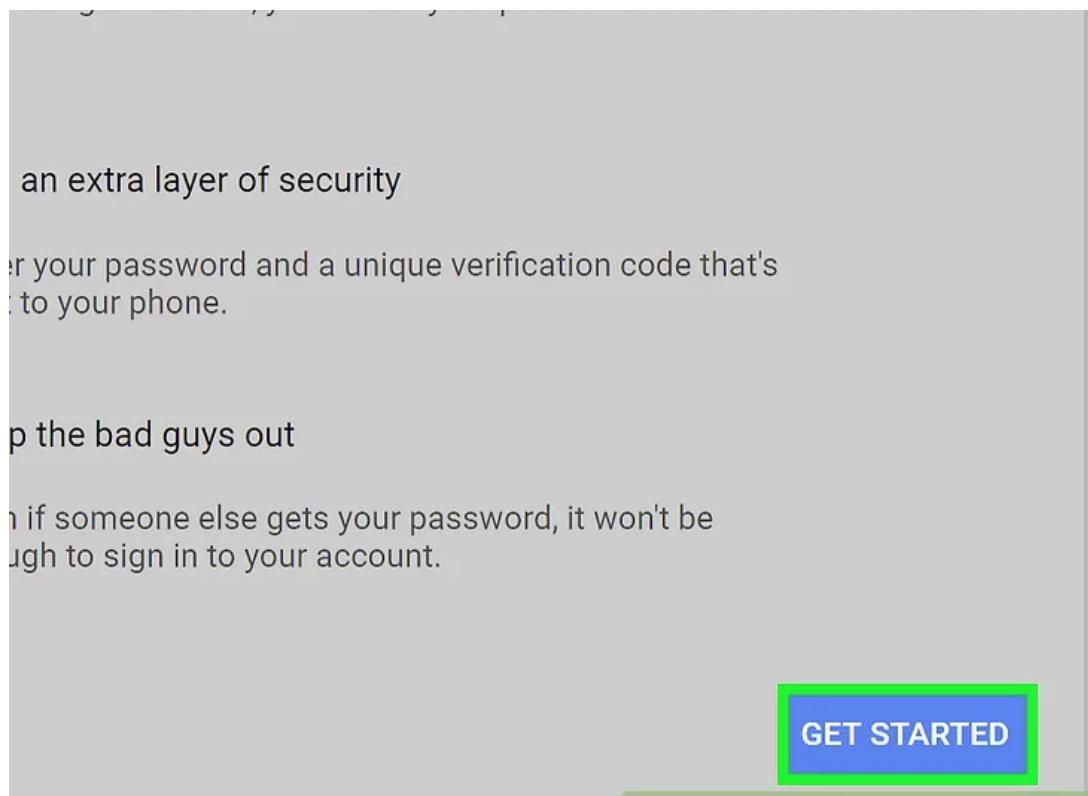
QUIZ 9 ()

**CYBER
SECURITY
THREAT
LANDSCAPE
()**

**EMERGING
CYBER
SECURITY
THREATS ()**

4 Scroll down and click 2-Step Verification. You'll see this option on the right side of the page in the "Password & sign-in method" section.

If you see "On" to the right of 2-Step Verification, it's already set up. You can add this method as another way to verify your sign in attempt. Just access the 2-Step Verification page, and click on Set Up under the option for "Voice or text message".



wikiHow to Set up 2 Step Verification in Gmail

(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/04.png)

5 Click GET STARTED. It's a blue button in the bottom-right corner of the page.



**CYBER
SECURITY
TECHNIQUES**
()

FIREWALL ()

QUIZ 10 ()

**IT SECURITY
ACT 2000** ()

**MISC.
TOPICS** ()

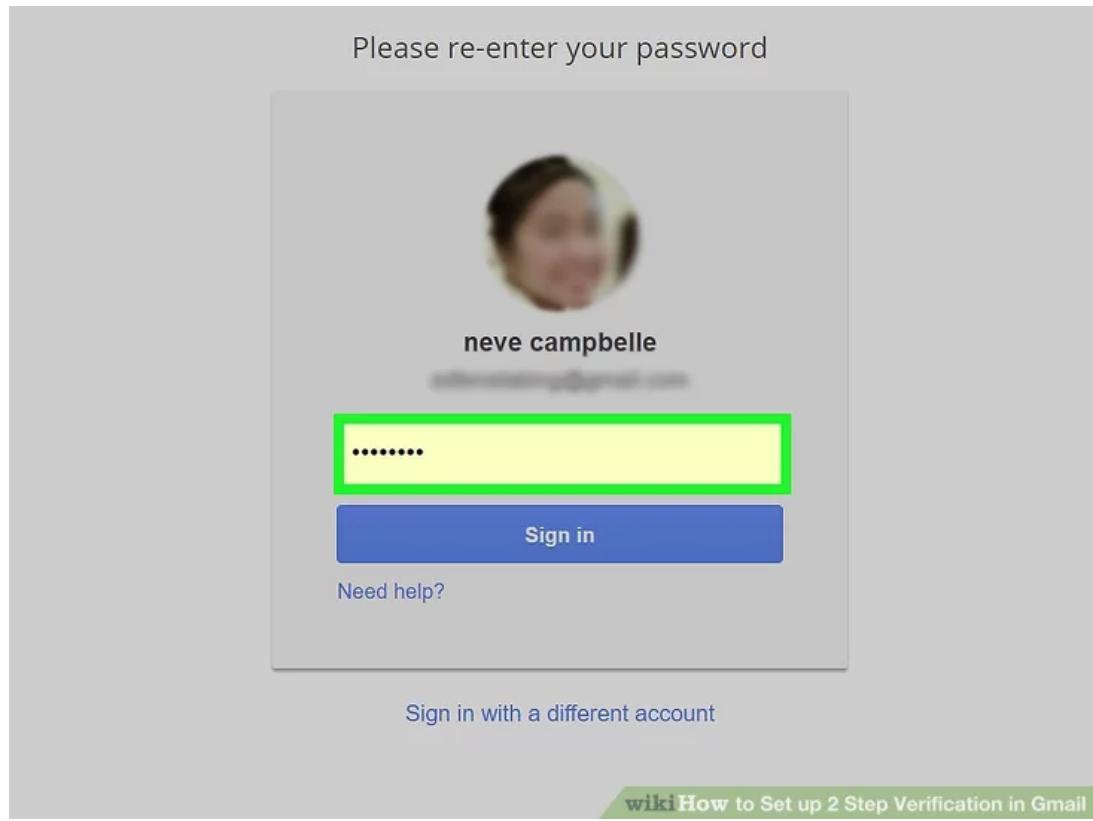
**RECOVERING
FROM
INFORMATION
LOSS** ()

**DESTROYING
SENSITIVE
INFORMATION**
()

**CCLEANER
FOR
WINDOWS** ()

**REFERENCE,
CONTRIBUTION,
ATTRIBUTION
AND
LICENSE** ()

Final Quiz ()



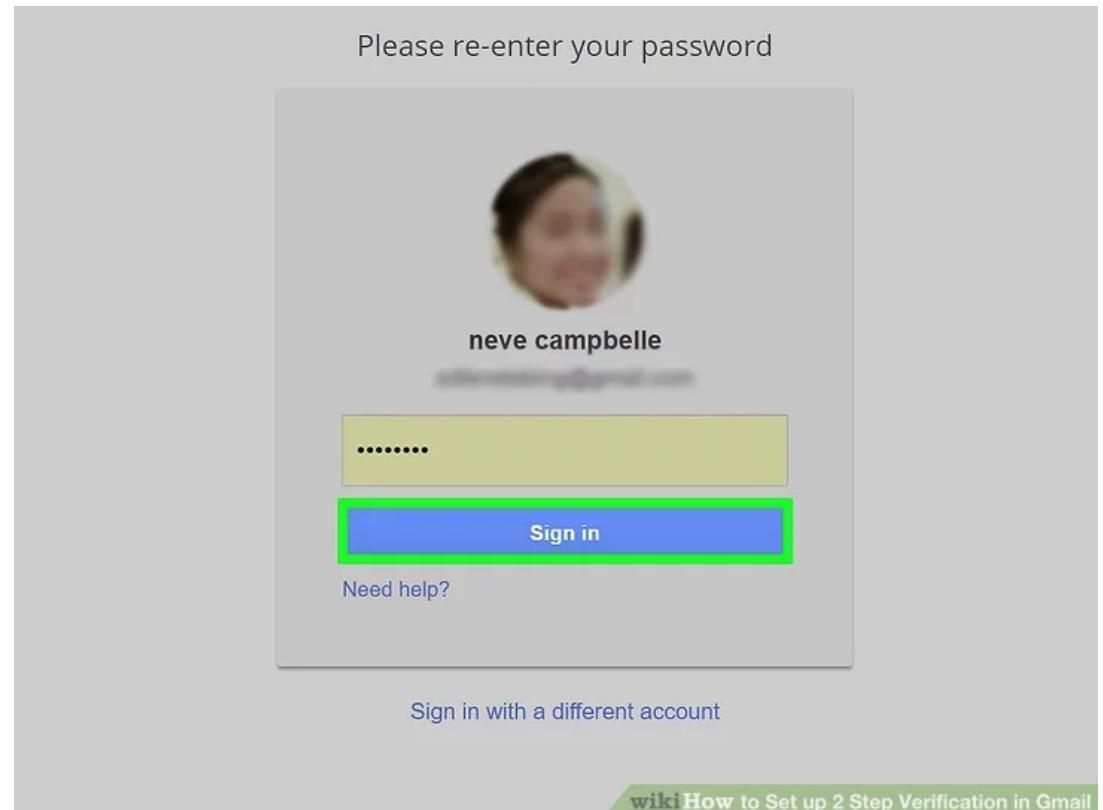
(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/05.png)

6 Enter your Google account password. This step is to confirm your identity with Google before continuing.

If you're signed in on the wrong account, click Sign in with a different account.

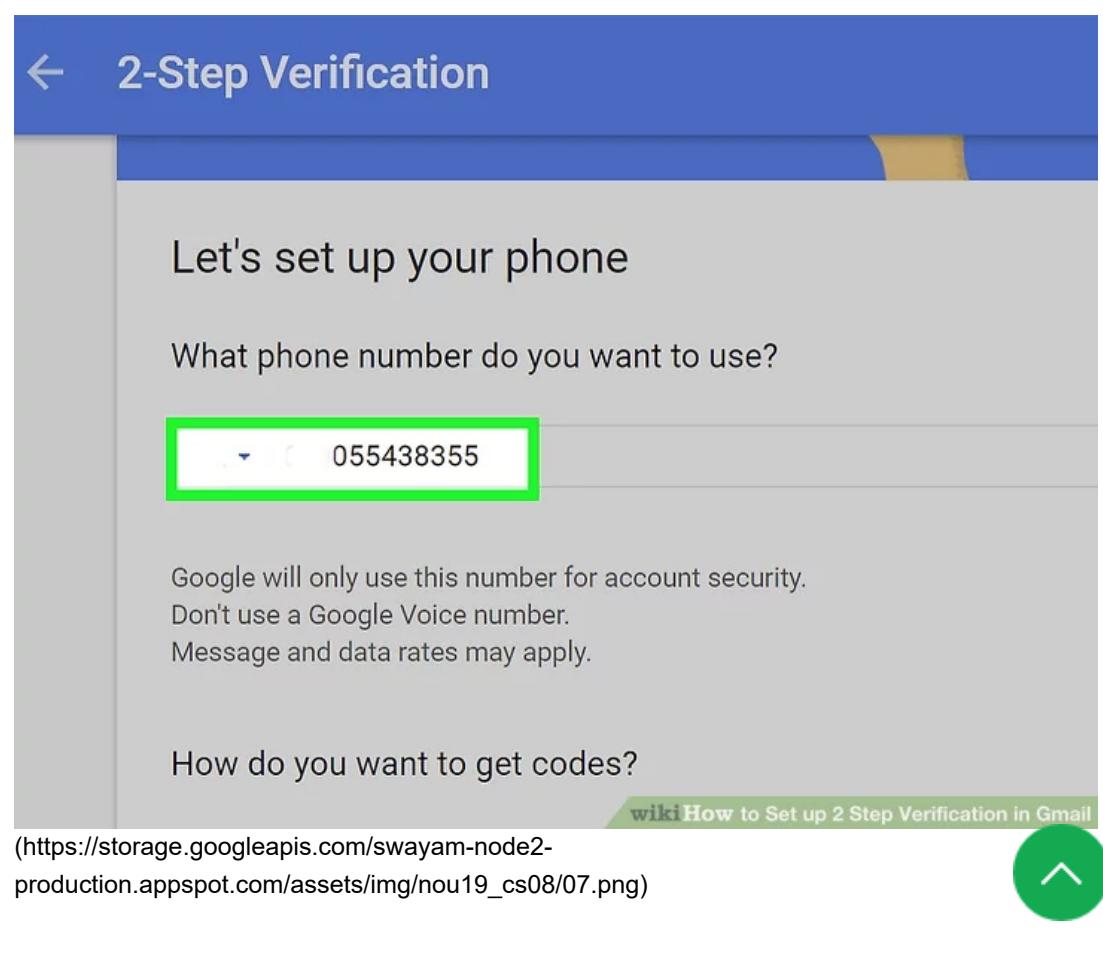
Image titled Set up 2 Step Verification in Gmail Step 6





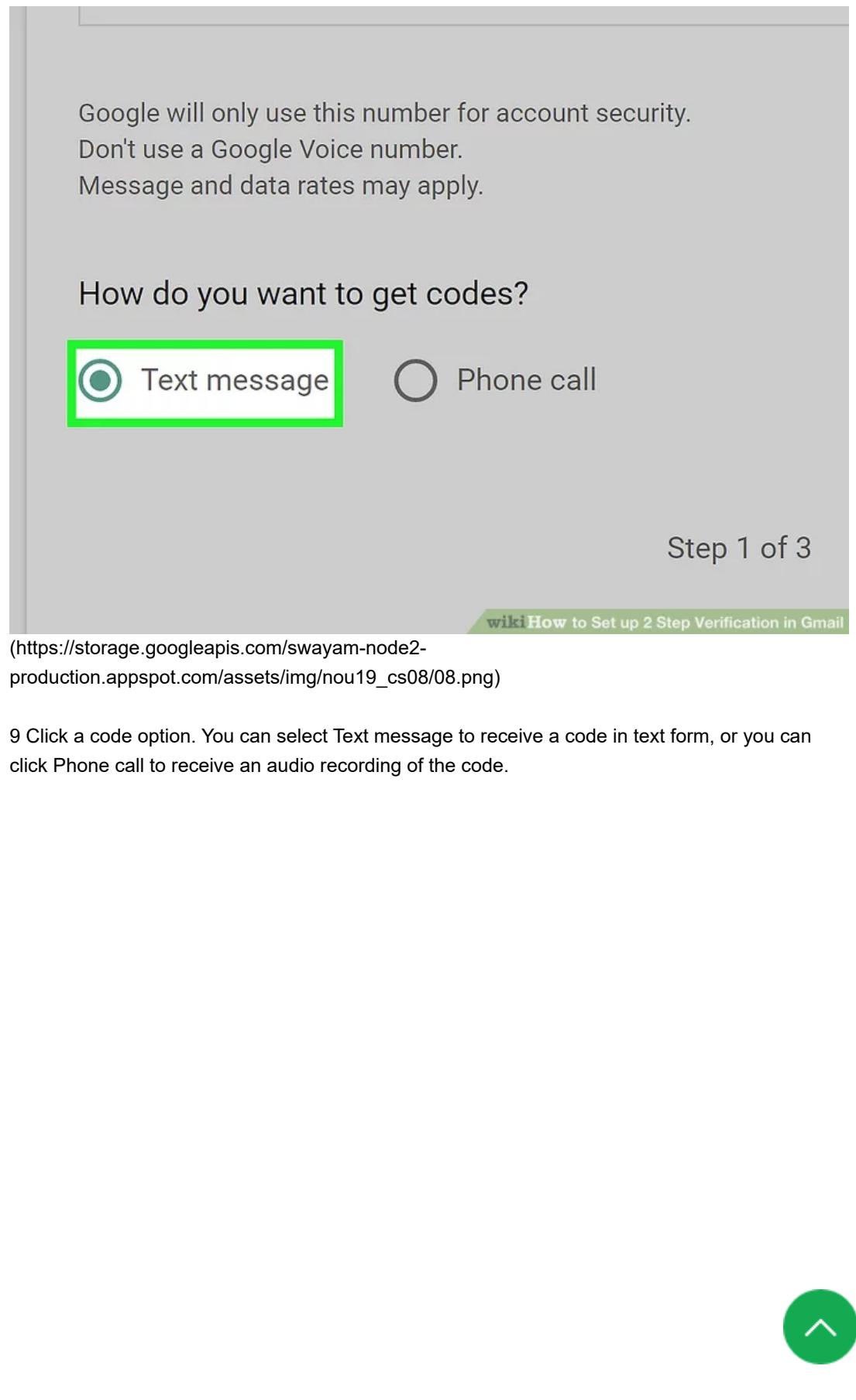
(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/06.png)

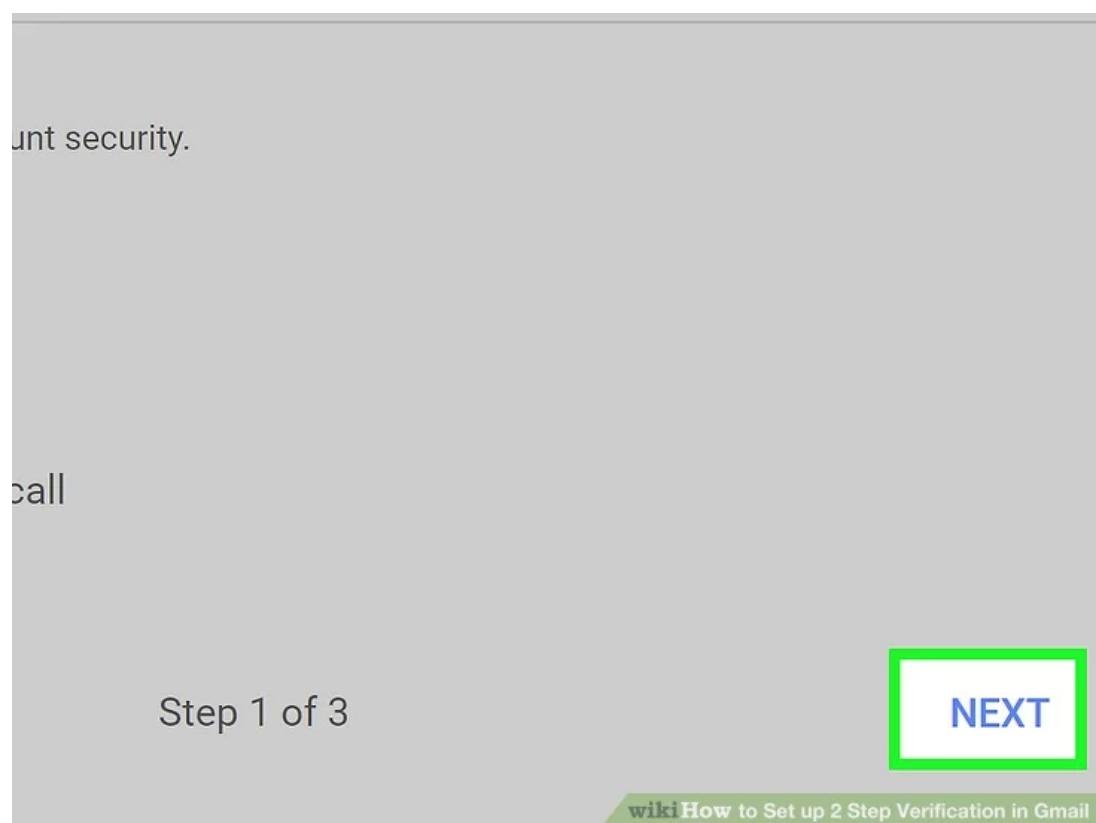
7 Click Sign in. Doing so will confirm your identity and take you to the next page.



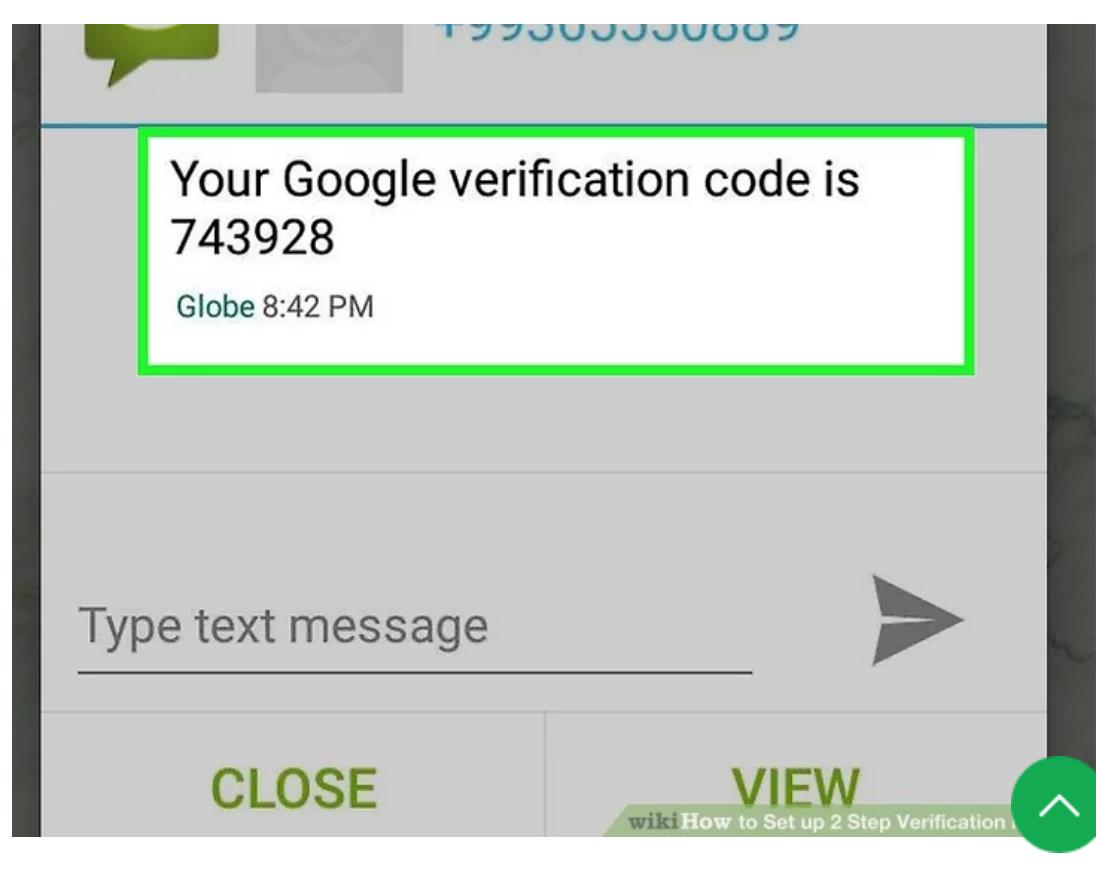
(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/07.png)

8 Enter your phone number. Do so in the text field below the "What phone number do you want to use?" heading.



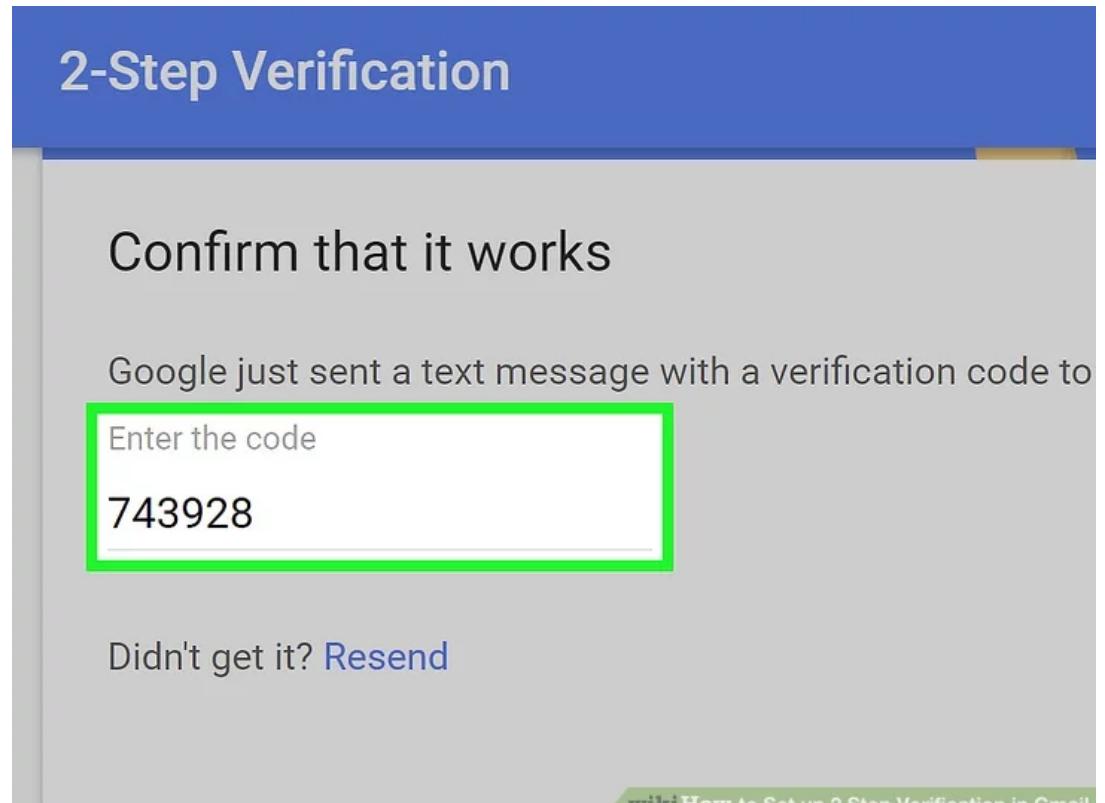


10 Click Next. It's in the bottom-right corner of the screen. Doing so will prompt Google to send a code to you according to your selected option above.



(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/010.png)

11 Retrieve your code from Google. You'll do so either by answering a phone call and listening to the numbers, or by opening your phone's Messages app and reading the new text from a five-digit number.



(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/011.png)

12 Type in your code. You'll do so in the text field in the middle of the page.

ification code to **543 8355.**

Step 2 of 3

NEXT

wikiHow to Set up 2 Step Verification in Gmail

(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/012.png)

13 Click Next. It's in the bottom-right corner of the page.



Verification?

Do you want to turn on 2-Step Verification for your Google

Step 3 of 3

TURN ON

wikiHow to Set up 2 Step Verification

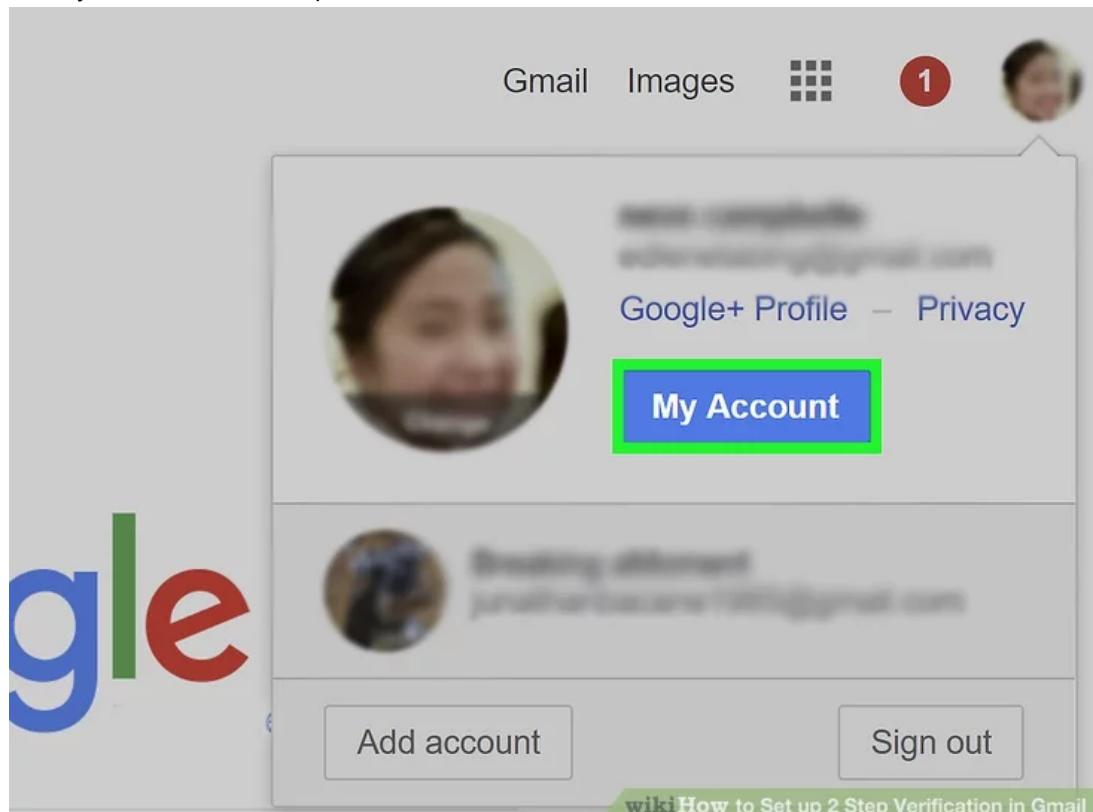
(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/013.png)

14 Click TURN ON. This blue button is at the top of the page. Clicking it will enable two-step verification for your Google account; whenever you log into a new device, you'll be prompted to enter a code delivered to your phone.

Method 2 Google Prompt

1 Decide if you want to enable Google Prompt. When Google Prompt is enabled, you will get a message on your phone asking you if it is you signing in. You would then tap Yes, and you would then be signed into your account.

Note: you need an Android phone to use this method.



(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/014.png)

2 Go to Google's "My Account" page. You can find it at the following address:
<https://myaccount.google.com/>

If you aren't signed into your Google account, click Sign in in the top-right corner of the page and enter your Google account email address and password.

Image titled Set up 2 Step Verification in Gmail Step 2

3 Click Sign-in & security.



Welcome, neve campbell

Control, protect, and secure your account

My Account gives you quick access to settings and tools that let you safely manage your Google account. Your account information can make Google services work better for you.

 Sign-in & security >

Control your password and Google Account access.

wiki How to Set up 2 Step Verification in Gmail

(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/015.png)

4 Scroll down and click 2-Step Verification. You'll see this option on the right side of the page in the "Password & sign-in method" section.
If you see "On" to the right of 2-Step Verification, it's already set up. You can add this method as another way to verify your sign in attempt. Just access the 2-Step Verification page, and click on Set Up under the option for "Google prompt".



Password & sign-in method

Your password protects your account. You can also add a protection with 2-Step Verification, which sends a single-use phone for you to enter when you sign in. So even if someone gets your password, it is not enough to get into your account.

Note: To change these settings, you will need to confirm your changes.

Password	Last changed: January 15, 2023
2-Step Verification	Off

wikiHow to Set up 2 Step Verification in Gmail
(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/016.png)

5 Click GET STARTED. It's a blue button in the bottom-right corner of the page.

an extra layer of security

er your password and a unique verification code that's sent to your phone.

p the bad guys out

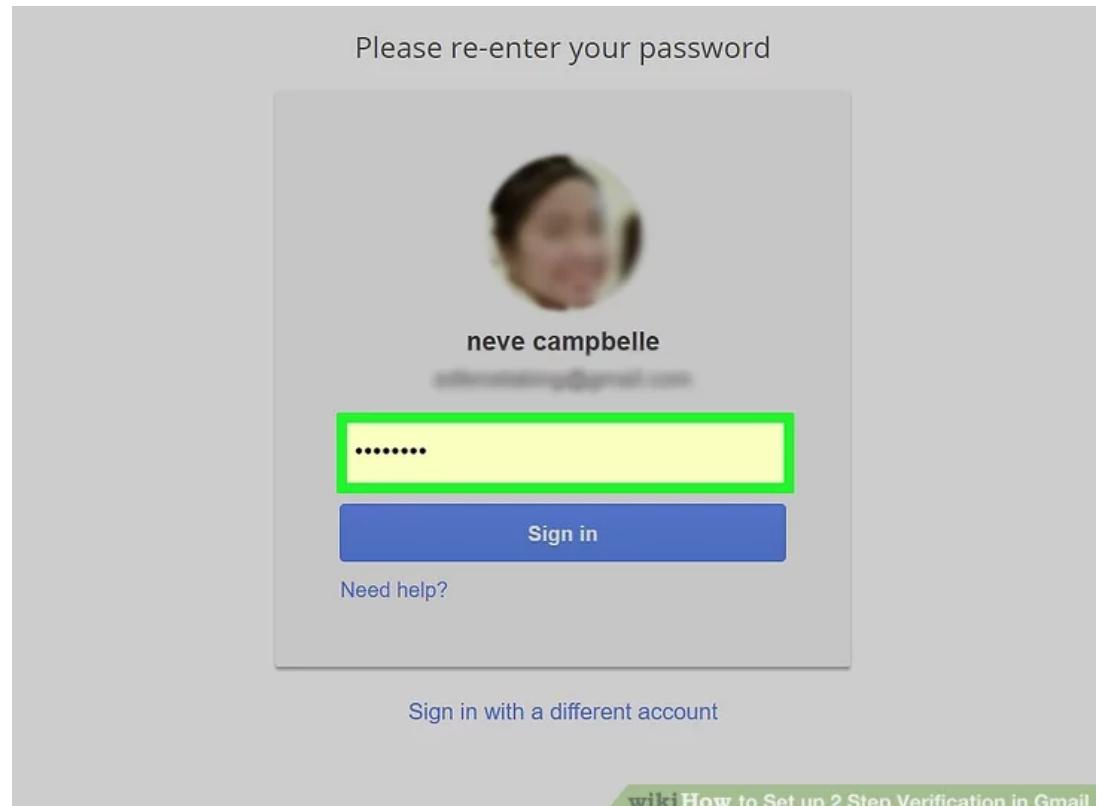
n if someone else gets your password, it won't be enough to sign in to your account.

GET STARTED

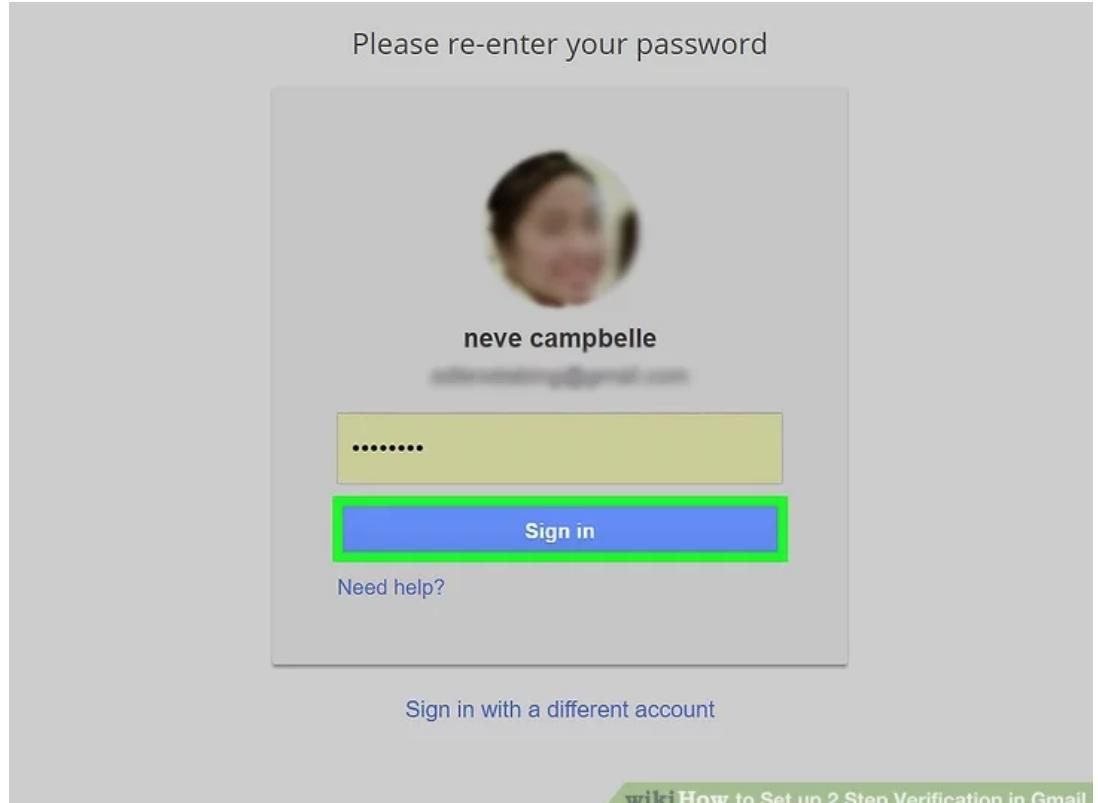
wikiHow to Set up 2 Step Verification in Gmail
(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/017.png)

6 Enter your Google account password.

If you're signed in on the wrong account, click Sign in with a different account.

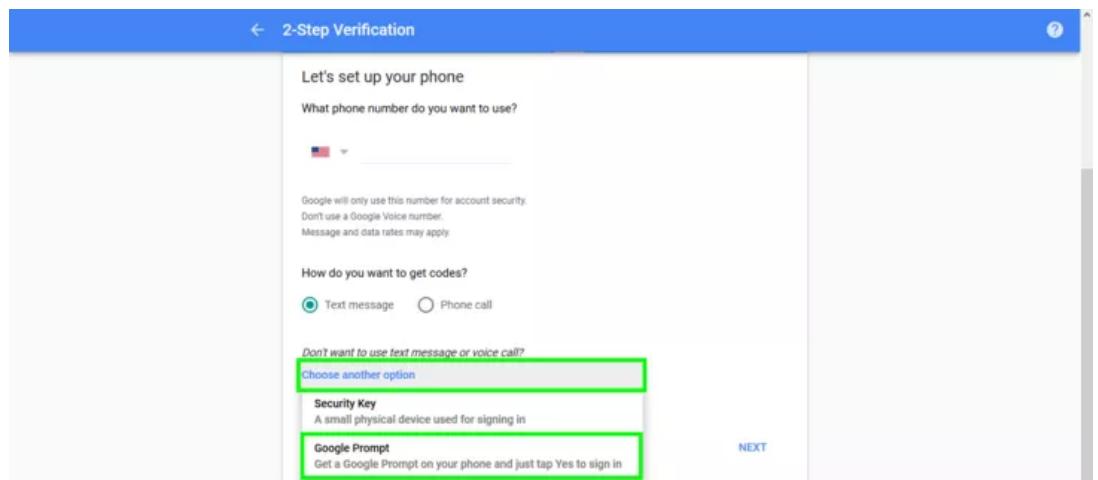


7 Click Sign in. Doing so will confirm your identity and take you to the next page.



(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/019.png)

8 Scroll down to the bottom of the page. Click on "Chose another option", then select "Google Prompt".

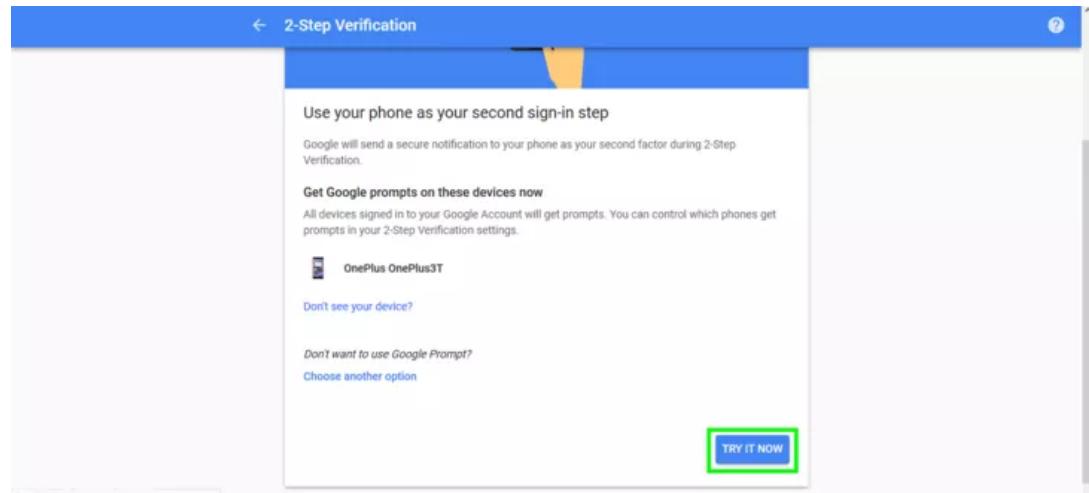


(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/020.png)

9 Make sure that the devices that you want to use are listed. Afterwards, click on Try It Now.

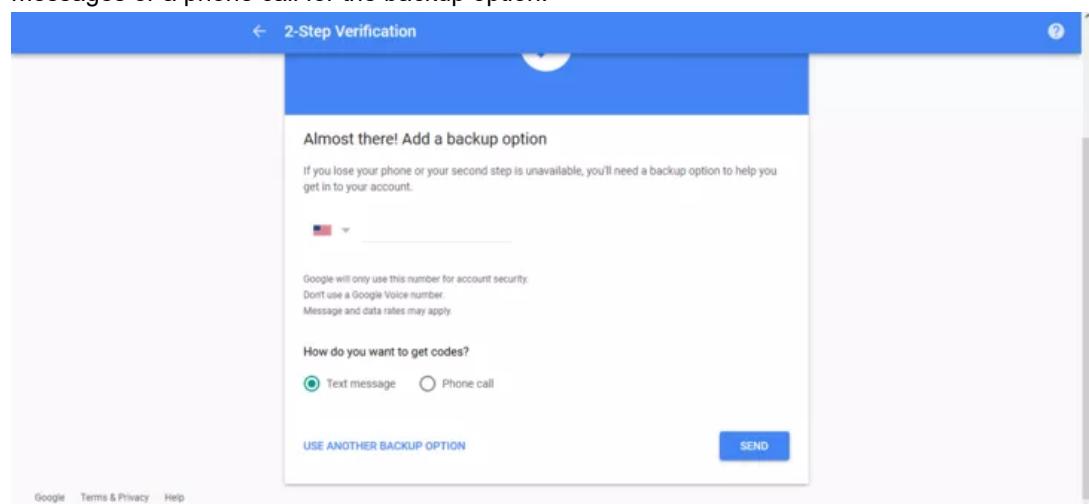
10 Tap Yes on the prompt on your phone.





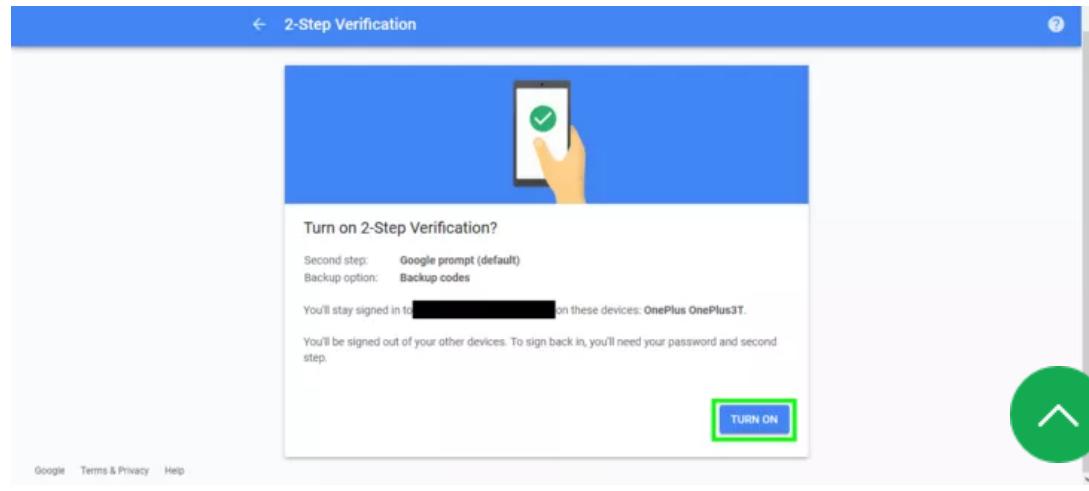
(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/21.png)

11 Choose a backup option. Setting this will allow you to access your google account even if Google Prompt is not available. Follow the on screen instructions if you want to use text messages or a phone call for the backup option.



(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/22.png)

You can use backup codes instead of a text message by selecting "Use Another Backup Option".



(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/23.png)

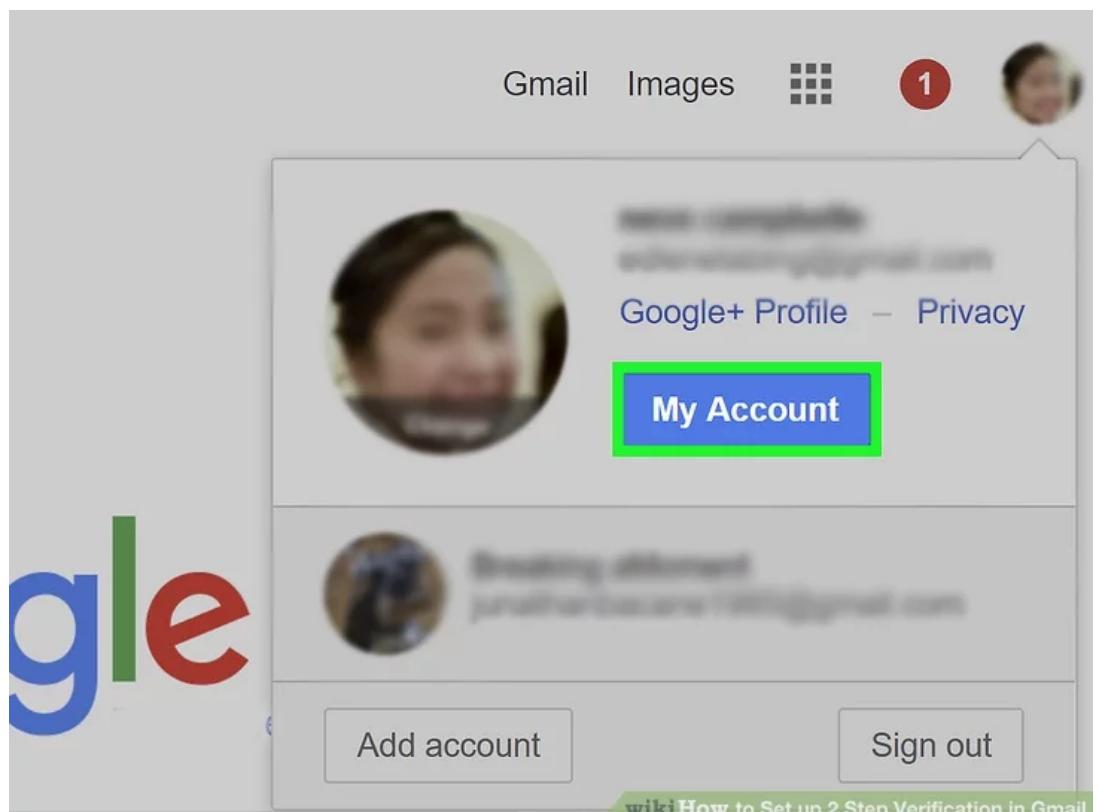
12 Select Turn On to activate two step verification. Now, whenever you (or somebody else) tries to log into your account, you will have to approve the login request on your phone.

Method 3 Authenticator App

1 Decide if you want to use an Authenticator app. When you are using an authenticator app, you will be asked to enter a code when logging in. You would then have to open an app on your phone or computer and enter the code that the app gives you to log into your account.

In order to use this option, you will have to install Google Authenticator, or another authenticator app, like Authy.

You can only use this option if you have another authentication method set up.



(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/24.png)

2 Go to Google's "My Account" page. You can find it at the following address:
<https://myaccount.google.com/>

If you aren't signed into your Google account, click Sign in in the top-right corner of the page and enter your Google account email address and password.



My Account

Welcome, neve campbell

Control, protect, and secure your account

My Account gives you quick access to settings and tools that let you safely control who can see your information and how Google services use it.

Sign-in & security

Control your password and Google Account access.

wiki How to Set up 2 Step Verification in Gmail

(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/25.png)

3 Click Sign-in & security. It's on the left side of the page.

Password & sign-in method

Your password protects your account. You can also add a second layer of protection with 2-Step Verification, which sends a single-use code to your phone for you to enter when you sign in. So even if somebody gets your password, it is not enough to get into your account.

Note: To change these settings, you will need to confirm your changes.

Password Last changed: January 15, 2023

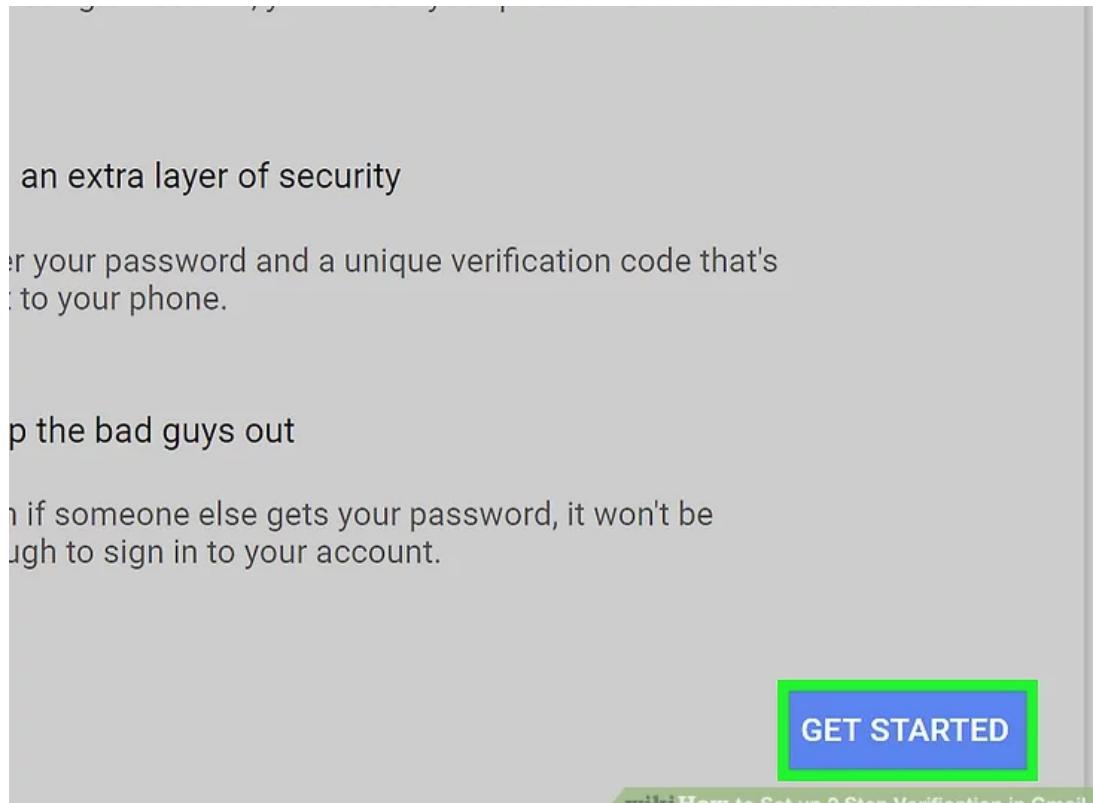
2-Step Verification Off

wiki How to Set up 2 Step Verification

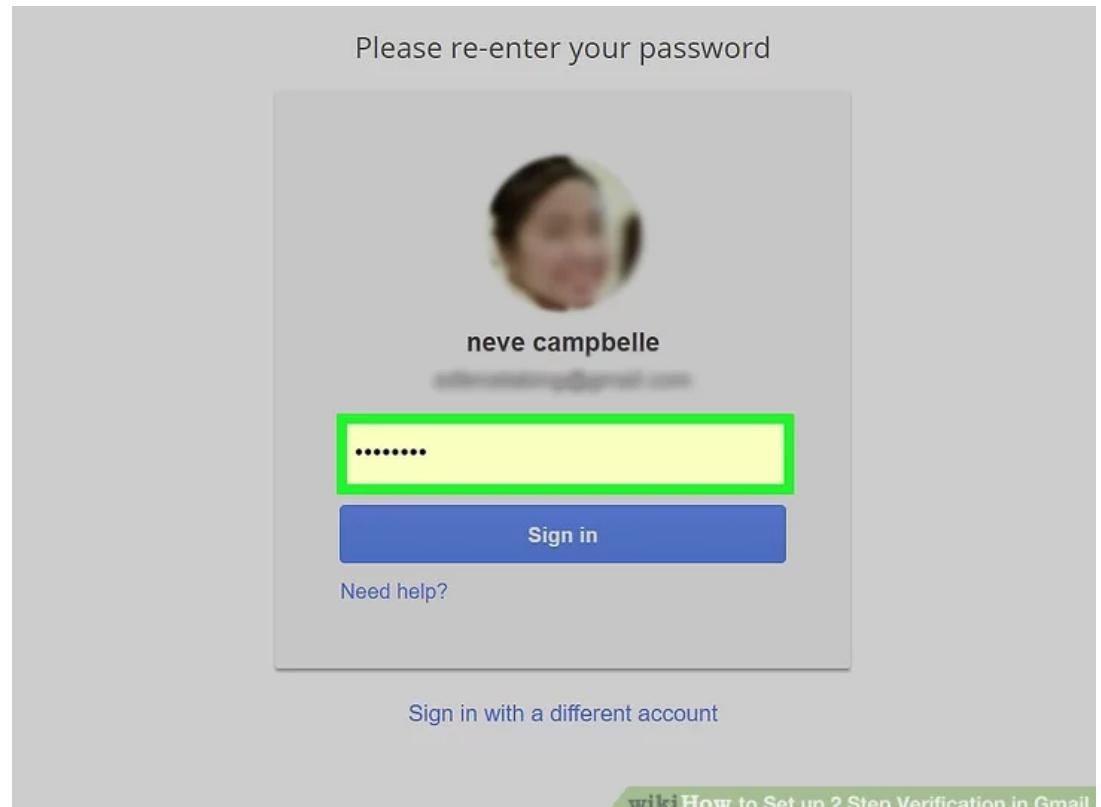
(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/26.png)

4 Scroll down and click 2-Step Verification. You'll see this option on the right side of the page in the "Password & sign-in method" section.

If you see "On" to the right of 2-Step Verification, then it's already set up. You can add this method as another way to verify your sign in attempt. Just access the 2-Step Verification page, and click on Set Up under the option for "Authenticator app".



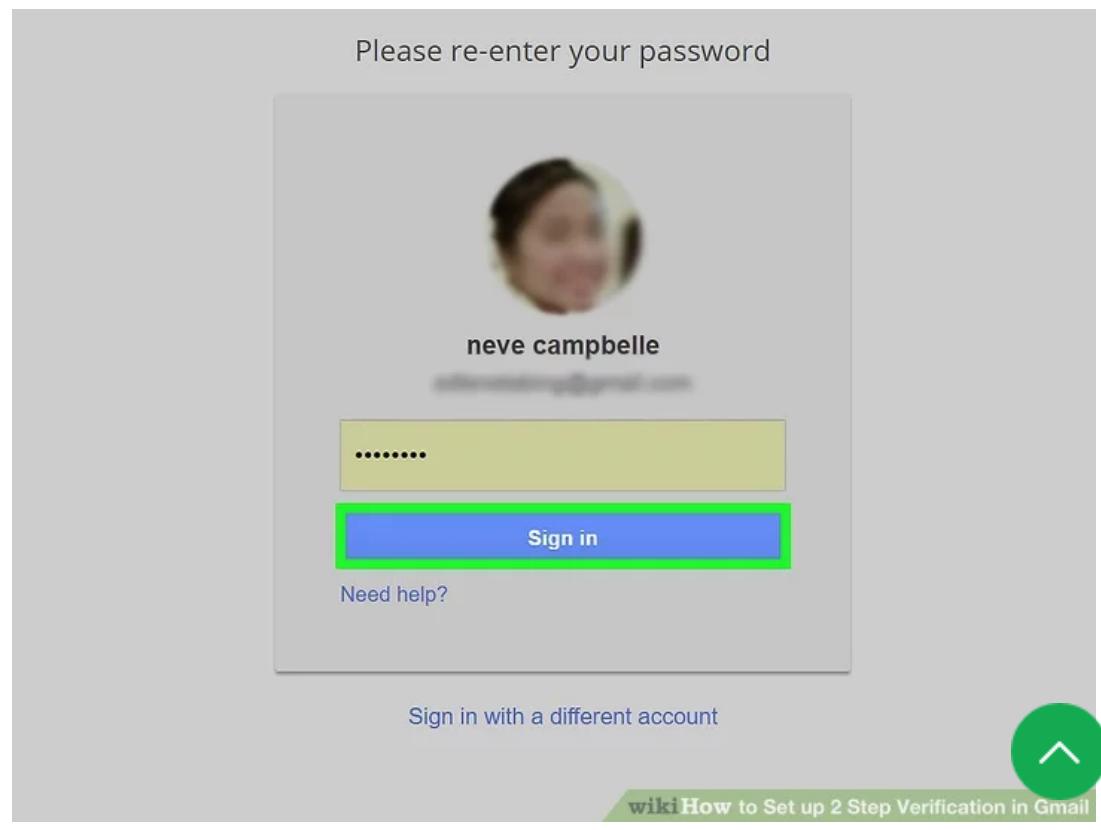
5 Click GET STARTED. It's a blue button in the bottom-right corner of the page.



wikiHow to Set up 2 Step Verification in Gmail
(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/28.png)

6 Enter your Google account password. This step is to confirm your identity with Google before continuing.

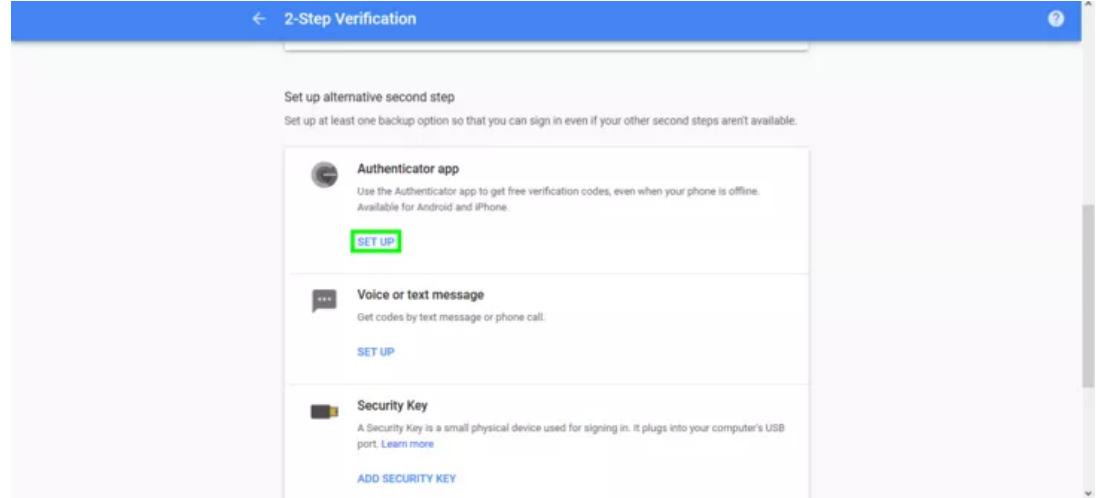
If you're signed in on the wrong account, click Sign in with a different account.



wikiHow to Set up 2 Step Verification in Gmail

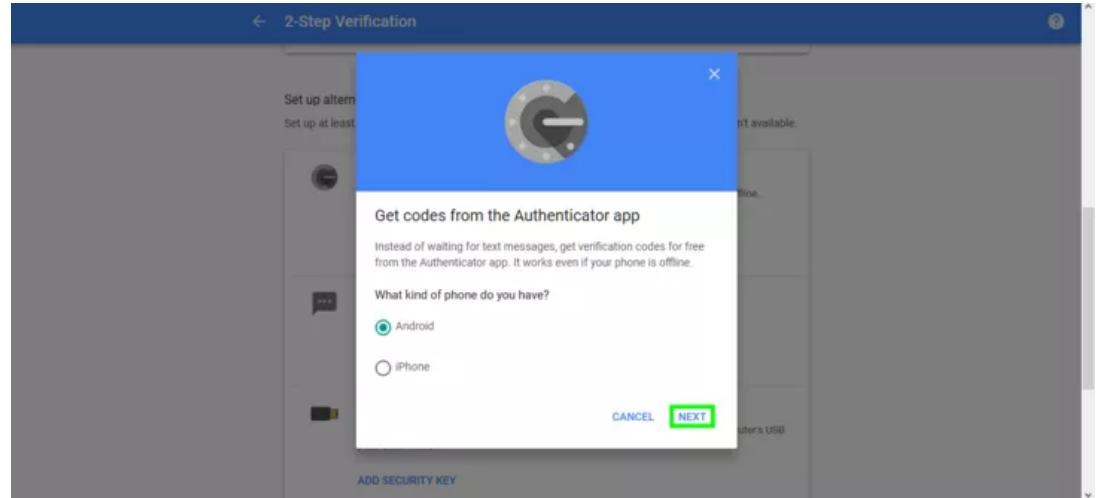
(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/29.png)

7 Click Sign in. Doing so will confirm your identity and take you to the next page.



(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/30.png)

8 Click on "Set Up" under the Authenticator app Option.



(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/31.png)

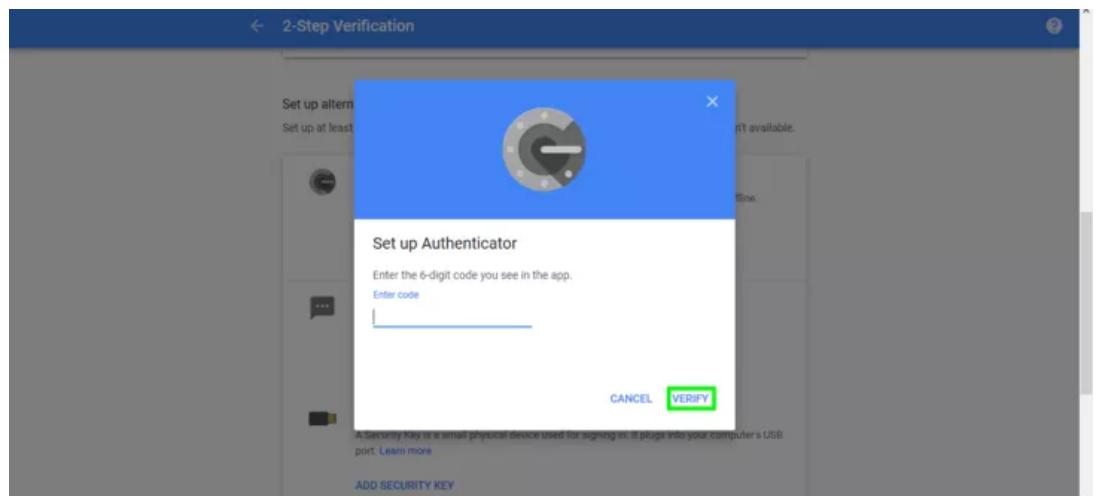
9 Select what type of phone you have.





(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/32.png)

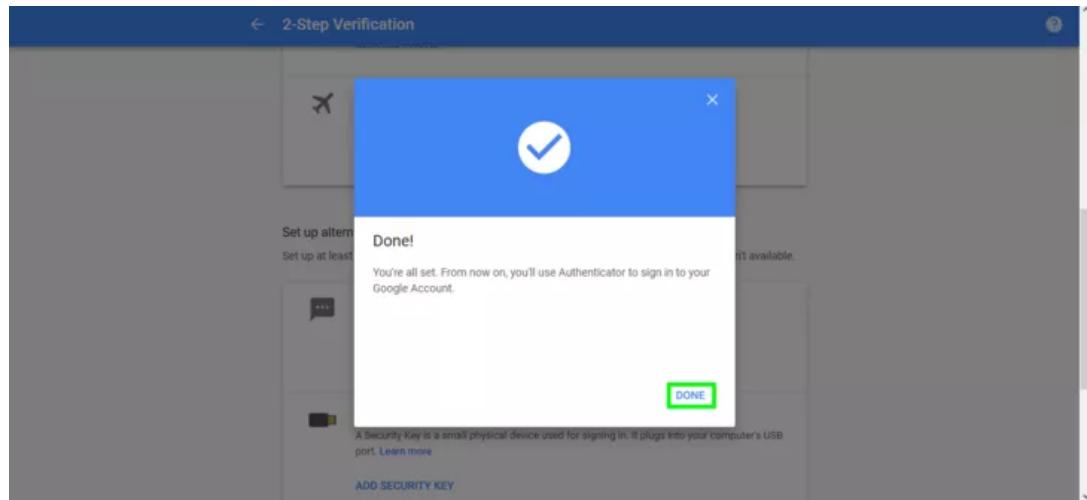
10 Scan the QR code.



(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/33.png)

11 Enter the code, then click Verify. This is to make sure that your phone scanned the QR code correctly.





(https://storage.googleapis.com/swayam-node2-production.appspot.com/assets/img/nou19_cs08/34.png)

12 Click Done. The authenticator app option is now set up.

Tips

Google strongly recommends creating a backup verification method on the "2-Step Verification" page. You can do this at any time by going to the Sign-in & security section of "My Account", clicking the enabled 2-Step Verification button, and selecting an option.

Even with 2-step verification set up, you should still change your password substantially from time to time.

You can click REVOKE ALL at the bottom of the "2-Step Verification" page to clear all of the devices on your Gmail account that can sign in without having to verify the login.

Google Prompt is the strongest verification method, followed by the Authenticator app, and the lowest security method is the text message or voice call.

Warnings

If you lose access to your phone number and you don't have a backup set, you will need to contact Google.

If you ever get a login notification for your account when you are not trying to log in, that means that your password has been compromised; you should immediately change your password if this ever happens.

Google will never ask for your verification code or backup codes. If somebody contacts you asking for the code, don't give it to them, it's a scam.

If you did give them your code accidentally, then you should turn off two step verification, then reset it up, as this will reset the way the codes are generated, you should also revoke all trusted devices and reset your backup codes.

Adopted from: <https://www.wikihow.com/Set-up-2-Step-Verification-in-Gmail>



