

# Chrome

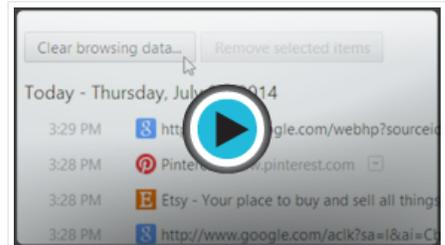
## Privacy and Security in Chrome

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## Chrome privacy and security

Chrome was designed for more than just speed. Because of its advanced **security features**, Chrome offers a very safe browsing experience. Chrome also allows you to control what information you share online, keeping your personal information private.

### Video: Privacy and Security in Chrome



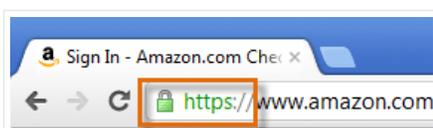
## Understanding Chrome security

Chrome includes a range of **security features**, such as **security indicators** and **malware protection**. All of these features are continually running in Chrome, ensuring that your computer and personal information are protected at all times. Chrome also uses sandboxing technology, which stops harmful viruses from reaching your computer.

Watch this video from Google to learn more about how sandboxing keeps you safe in Chrome.

## Website security indicators

Whenever you navigate to a website, Chrome will display a **security indicator** to the left of the web address in the Omnibox.



Understanding these indicators can help you stay safe when entering **personal information** on the Web.

-  The **non-SSL** indicator will appear for most websites, which means the site is not using a secure connection. This is **not**

**important** for many websites, like a news source or weather forecast, but you should avoid entering sensitive personal information on these pages.

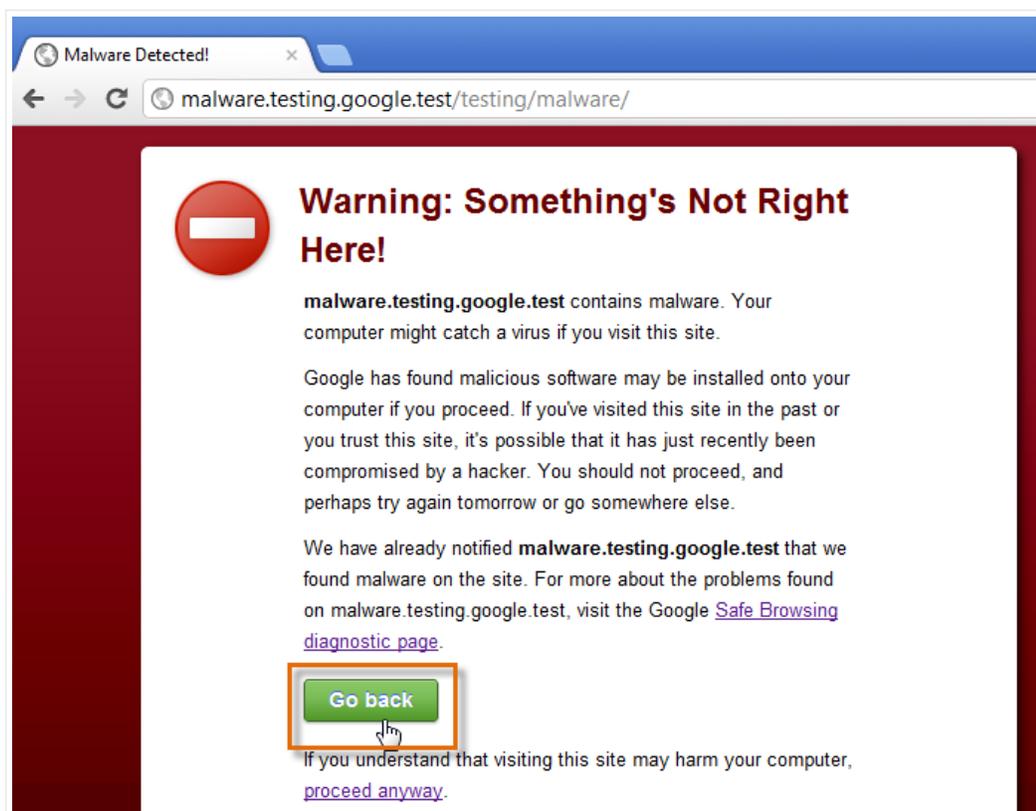
-  **https://** The **HTTPS** indicator will appear if the site is using a **secure connection**. Always check for this icon when entering **sensitive information** on the Web, like your credit card number or birth date. A secure connection makes it almost impossible for someone to access your information.
-  The **insecure HTTPS** indicator will appear if Chrome detects a problem with a site's secure connection. Never enter personal or sensitive information on an insecure site.

Review Chrome's full list of [Website Security Indicators](#) to learn more.

## Malware and phishing protection

In order to keep you and your computer protected from harmful websites, Chrome automatically downloads a list of dangerous and malicious websites and stores that list on your computer. Whenever you navigate to a website in Chrome, that page is checked against the list.

If a website is suspected to be a malware or phishing site, Chrome will display a **warning page** instead of navigating to the website. If you see this warning, click **Go back** to return to the last page you visited.



Chrome offers a high level of protection from malicious websites, but you should still use your **best judgement** when browsing the Web. Check out our tutorial on [Internet Safety](#) to learn more about staying safe online.

## Maintaining your privacy in Chrome

Google Chrome takes great care to keep your personal information private. Chrome offers a lot of ways to control your privacy, like modifying your **Privacy Settings**, **deleting your History**, and **browsing in Incognito mode**.

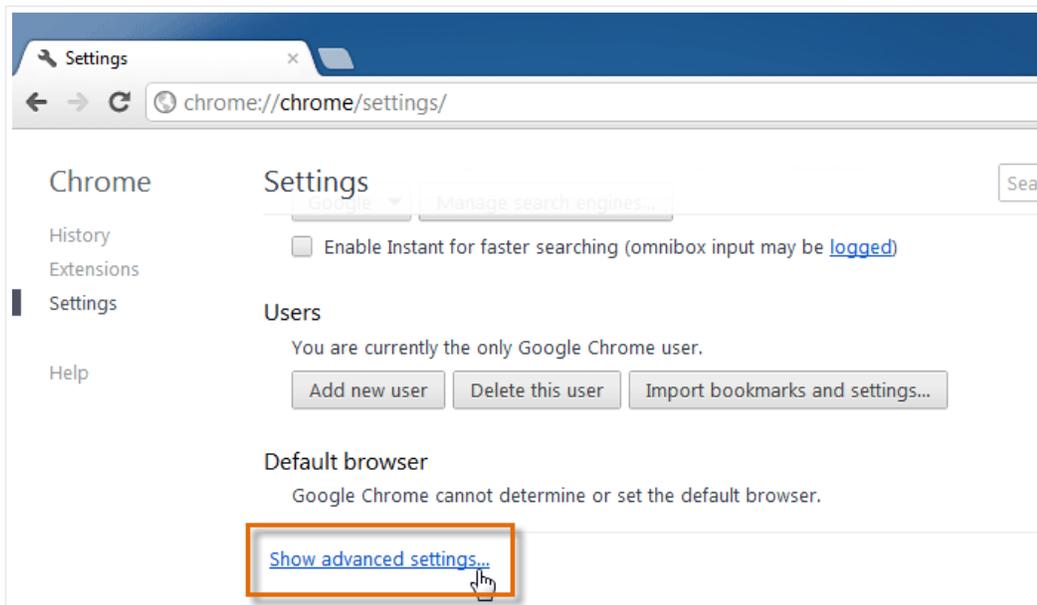
Watch this video from Google to learn more about Google Chrome's privacy settings and features.

## Privacy Settings

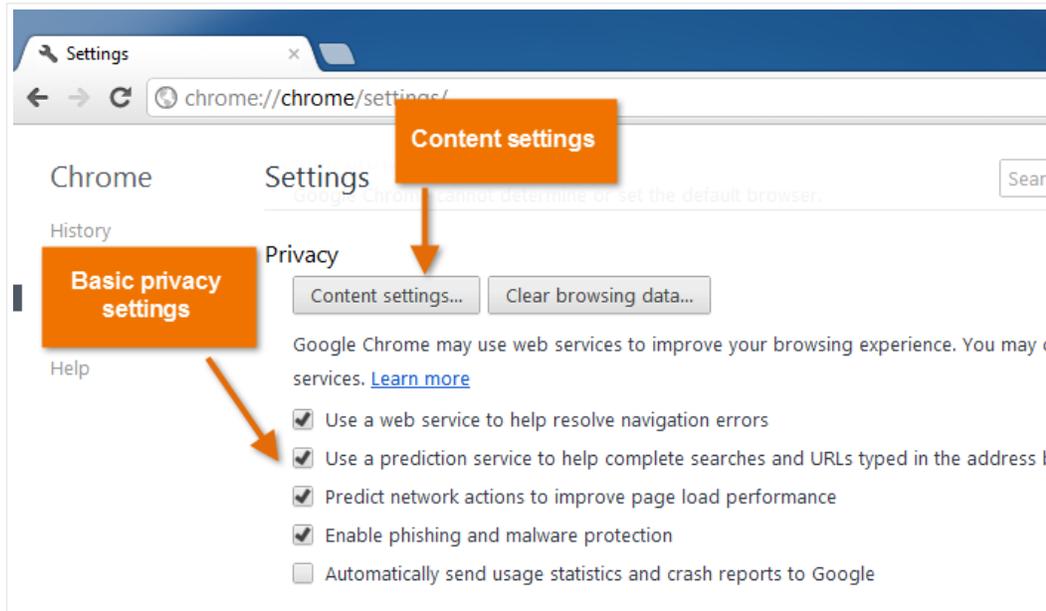
Chrome allows you to control some of the information you share on the Web, which you can modify in your **Privacy Settings**. We recommend that you **do not change** Chrome's default selections, as they allow for the best balance of privacy and security while browsing. However, you can modify them if you choose.

### To modify Privacy Settings:

1. Click the **Chrome menu** in the top-right corner of the browser, then select **Settings**.
2. The **Settings** tab will appear. Locate and select **Show advanced settings**.



3. The **Privacy Settings** will appear. To modify **basic privacy settings**, like enabling malware protection, check or uncheck the boxes next to each option.
4. To modify **specific settings**, like when webpages can save cookies or access your location, click the **Content settings** button.

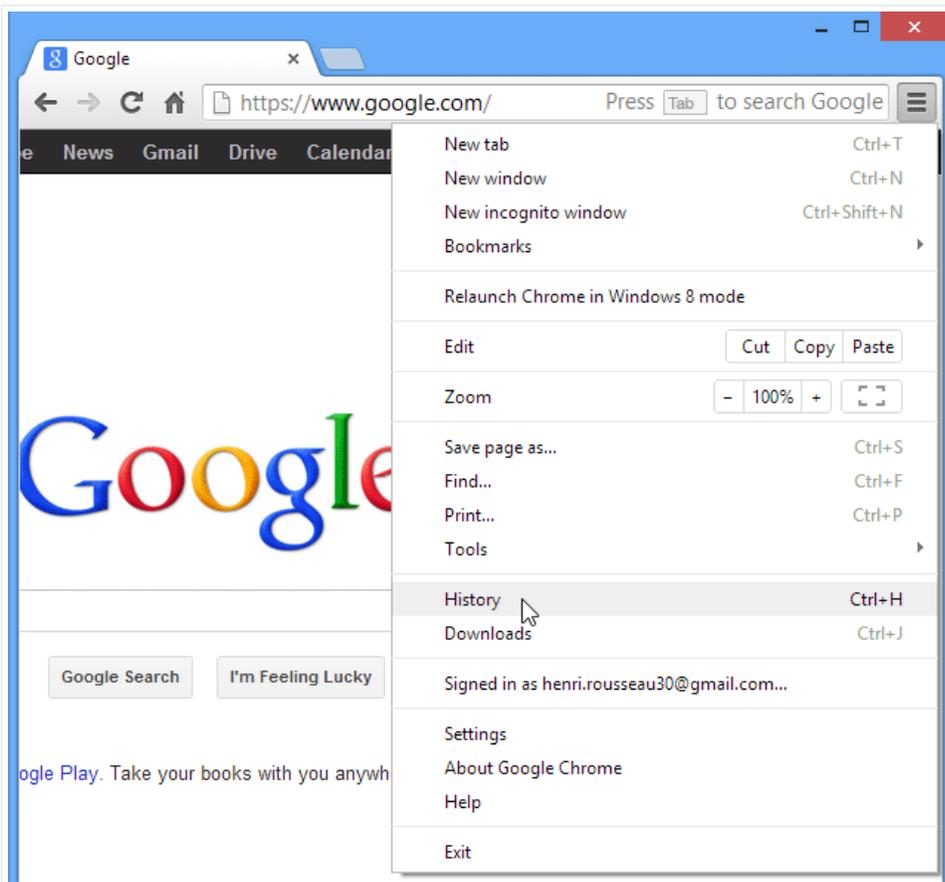


## Deleting browsing history

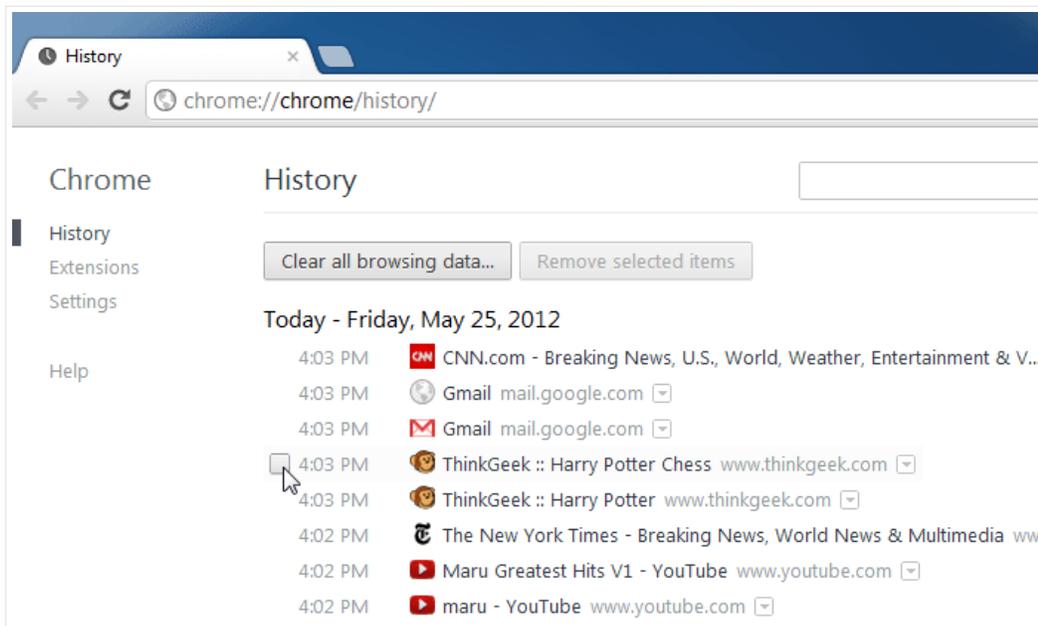
Like all browsers, Chrome keeps a record of every website you visit in your **browsing history**. You may want to remove some or all of your browsing history for the sake of privacy.

### To remove specific sites from history:

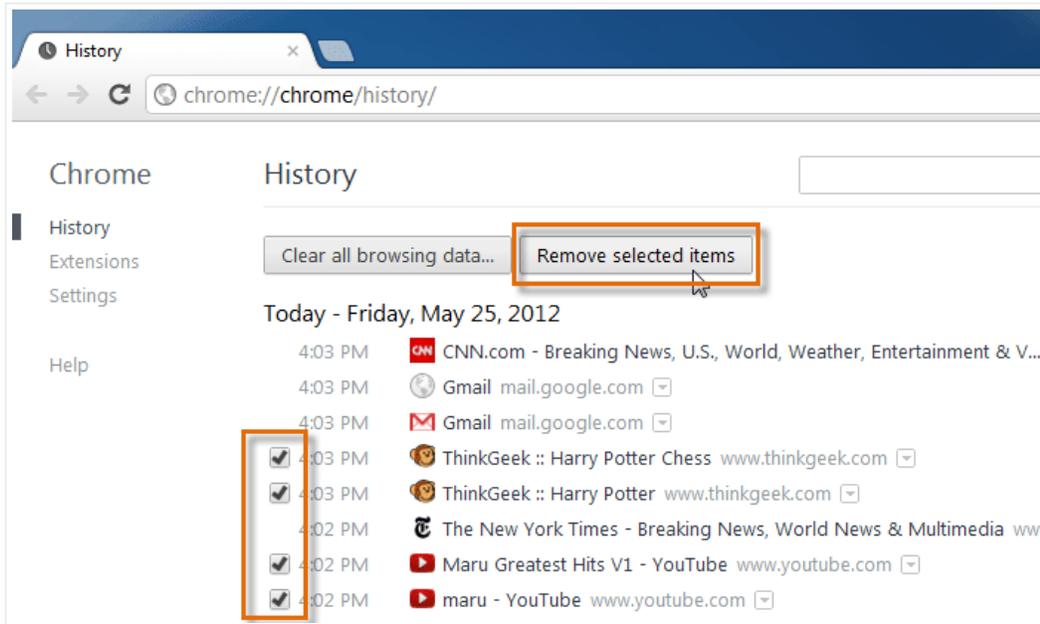
1. Click the **Chrome menu** in the top-right corner of the browser, then select **History**.



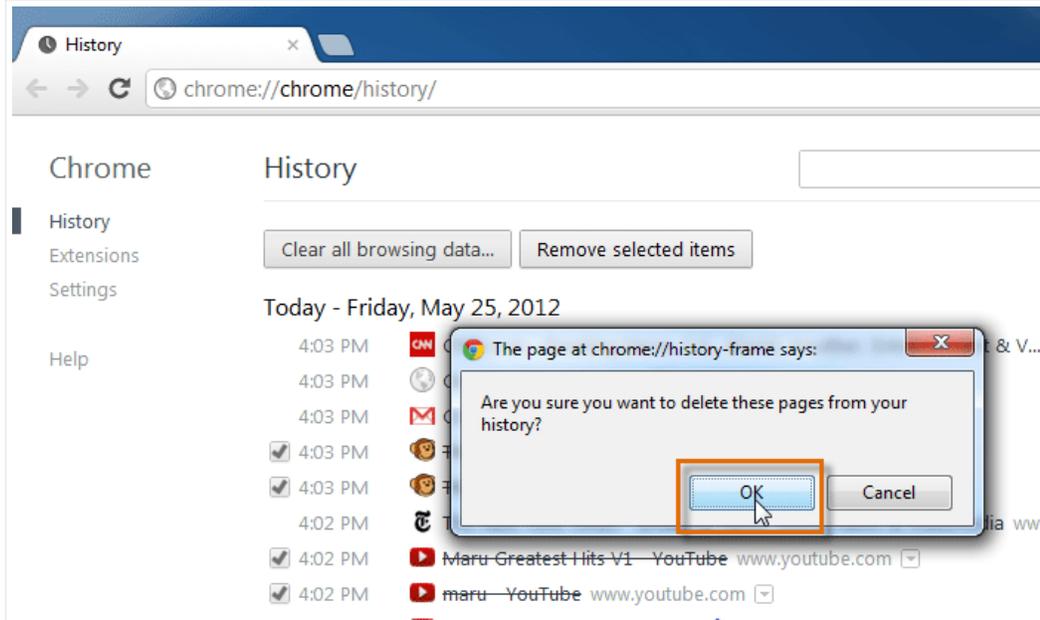
2. The **History** tab will appear. Hover the mouse over a link. A **check box** will appear to the left of the link.



3. Click the check box next to each link you wish to delete from your history, then choose **Remove selected items**.



4. A dialog box will appear. Click **OK** to continue.

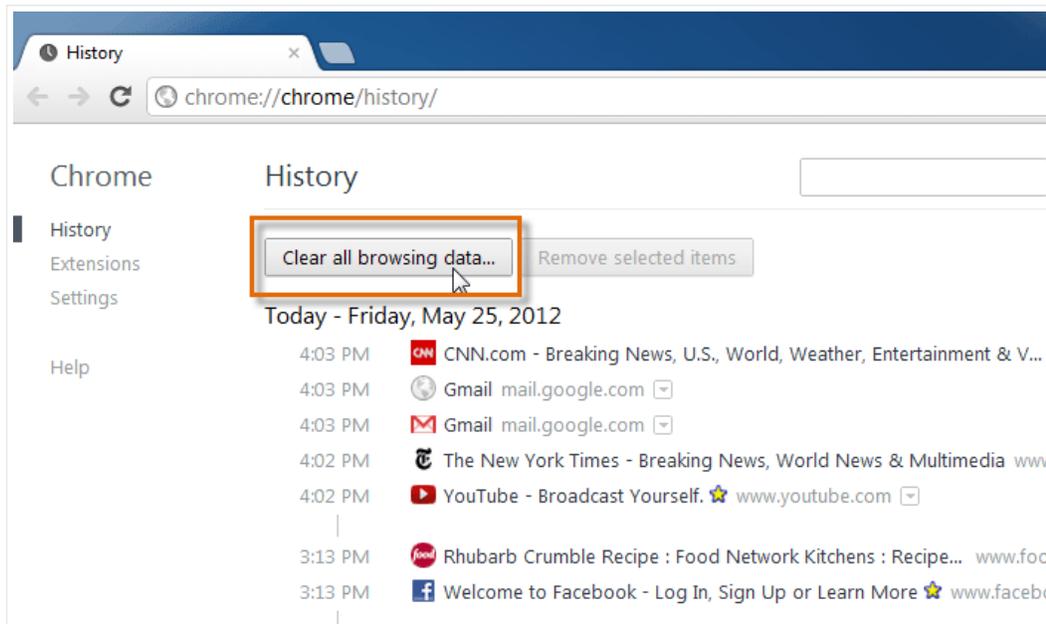


5. The selected websites will be removed from your history.

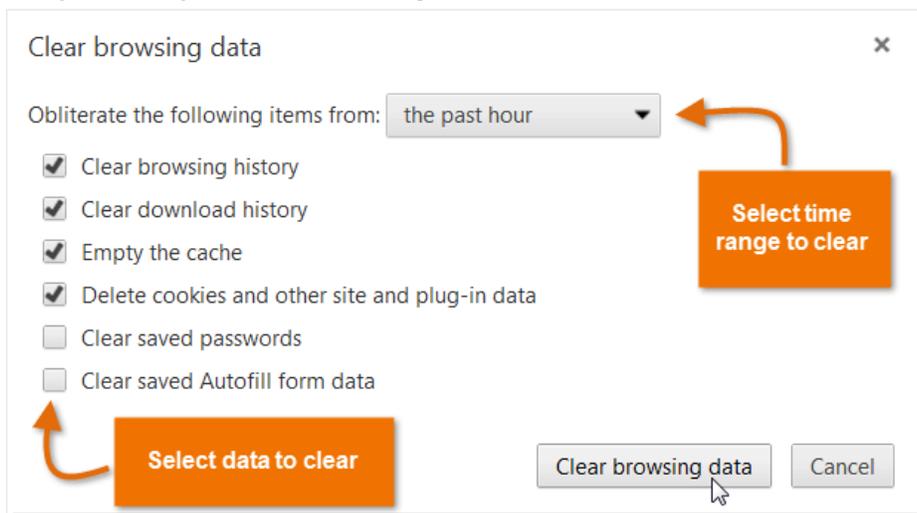
## To clear all browsing data:

Chrome makes it easy to delete **some or all** of your history. For example, sometimes you might want to remove only your history from the past hour instead of your complete history. You might also want to remove all of your saved pages and cookies, but keep your saved passwords.

1. From the **History** tab, click **Clear all browsing data**.



2. A dialog box will appear. Choose the **time range** and **browsing data** you want to delete.
3. When you're ready, click **Clear browsing data**.



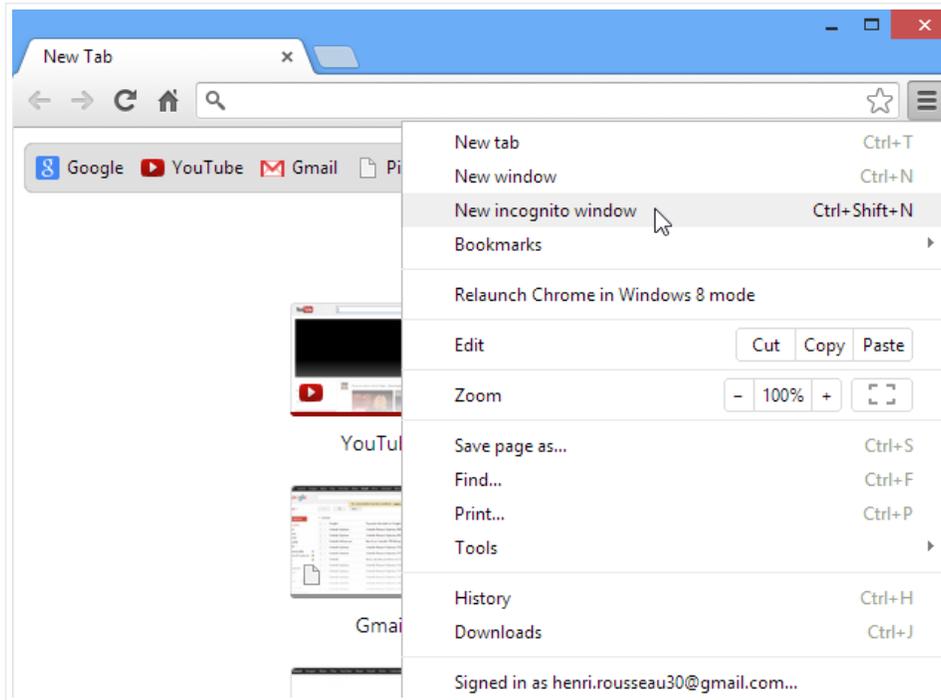
4. The selected browsing history will be cleared.

## Incognito mode

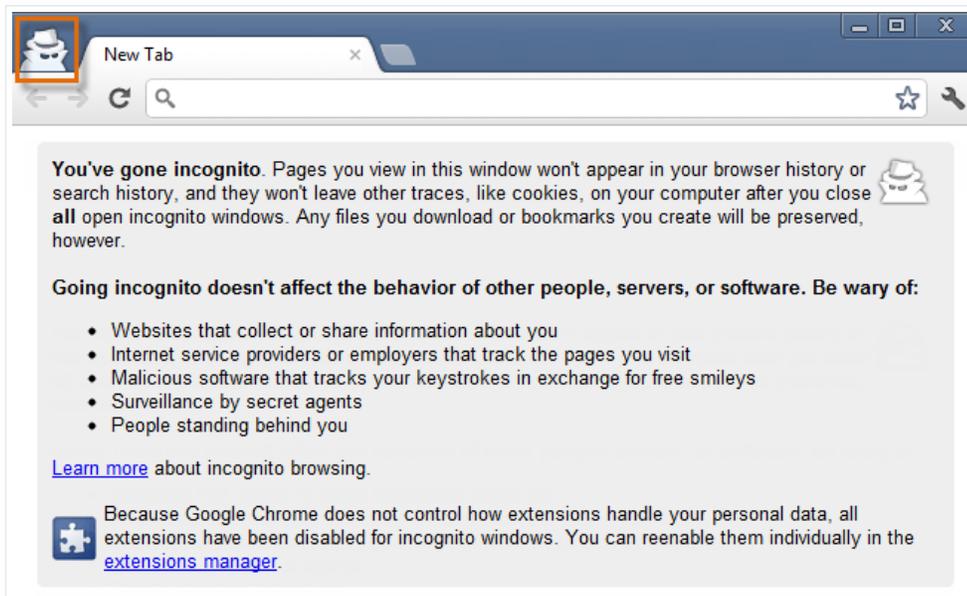
For added privacy, Chrome also offers **Incognito mode**, which allows you to browse the Web without recording your history or storing cookies. This is a great way to keep your browsing history secret when planning a party or buying a gift for someone who shares your computer.

### To use Incognito mode:

1. Click the **Chrome Menu** in the top-right corner of the browser, then select **New incognito window**.



2. The **Incognito window** will appear, which you'll use just like a regular Chrome window. Note the **Incognito icon** in the top-left corner of the browser, which confirms that you are in Incognito mode.



Browsing in Incognito mode **does not make Chrome more secure**—it only stops Chrome from saving history and cookies for that session. Don't use an Incognito window to view any websites you wouldn't feel safe viewing in a regular Chrome window.

## Additional privacy concerns

Once you've customized your Google Chrome privacy settings, there are other privacy concerns you'll need to consider. For example, many websites partner with Google to bring you ads they think you might be interested in. These are known as **targeted advertisements**. To deliver targeted ads, Google needs to record information about your **interests** and **demographics**, such as your age and gender.

This information is based on the sites you visit, even if you're not signed in to a Google account. If you're not comfortable sharing this information, Google allows you to **opt out** of targeted ads.

To learn how to opt out of targeted ads, review our lesson on [Understanding Google Privacy](#).