

Blocking (some) porn from the computers at your house

You can't block it all. New sites come up all the time. New content is created all the time. It's a very profitable business, so you can't get rid of it. What you can do is limit how much gets in. There are three main areas you can affect. One affects every computer and smartphone connected to your home network, and the other two block content by the user logged into Google's services.

1. Change the name server on your wifi router
2. Set Google preferences to block "explicit" results
3. Set YouTube preferences to block "explicit" results

Item 1. Blocking (some) porn at the wifi router.

The Wifi router at your house sees every internet request from every device. If you can intercept those requests at the router, you can influence what comes into the house.

Unfortunately there's not a universal system to identify or block offensive content, so we have to go with an imperfect solution that prevents us from getting to lots of things.

How the internet name service works:

When you type in <http://www.google.com>, your computer wants to connect to a computer at Google's data center.

The Internet uses numbers to identify each device - a unique number for every computer on the Internet. (an IP addresses, or TCP/IP address)

In order for you to get to the computer, the internet makes it simpler by letting you search by name rather than remember the number. Back in the day we used a thing

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called a phone book to translate between people's names and their phone numbers. The Internet has an automatic system for that called DNS (Domain Name System.)

When you type in <http://www.google.com>, your web browser automatically sends a request to the DNS server to translate that to an IP address. This happens in the background - like magic.

What we're going to do is switch out the DNS server that our internet provider gives us with another server. That new DNS server looks at every request and compares the request against a list (a blacklist) of sites that have objectionable content. When the site matches one on the blacklist, it sends the user to a page that says "Oops. This site is blocked"

How your tablet or computer gets an IP address:

When you connect your device to WiFi, the WiFi router gives your device an IP address, and sends it some configuration information to tell it where to look up names. This is controlled through a service called Dynamic Host Configuration Protocol (DHCP)

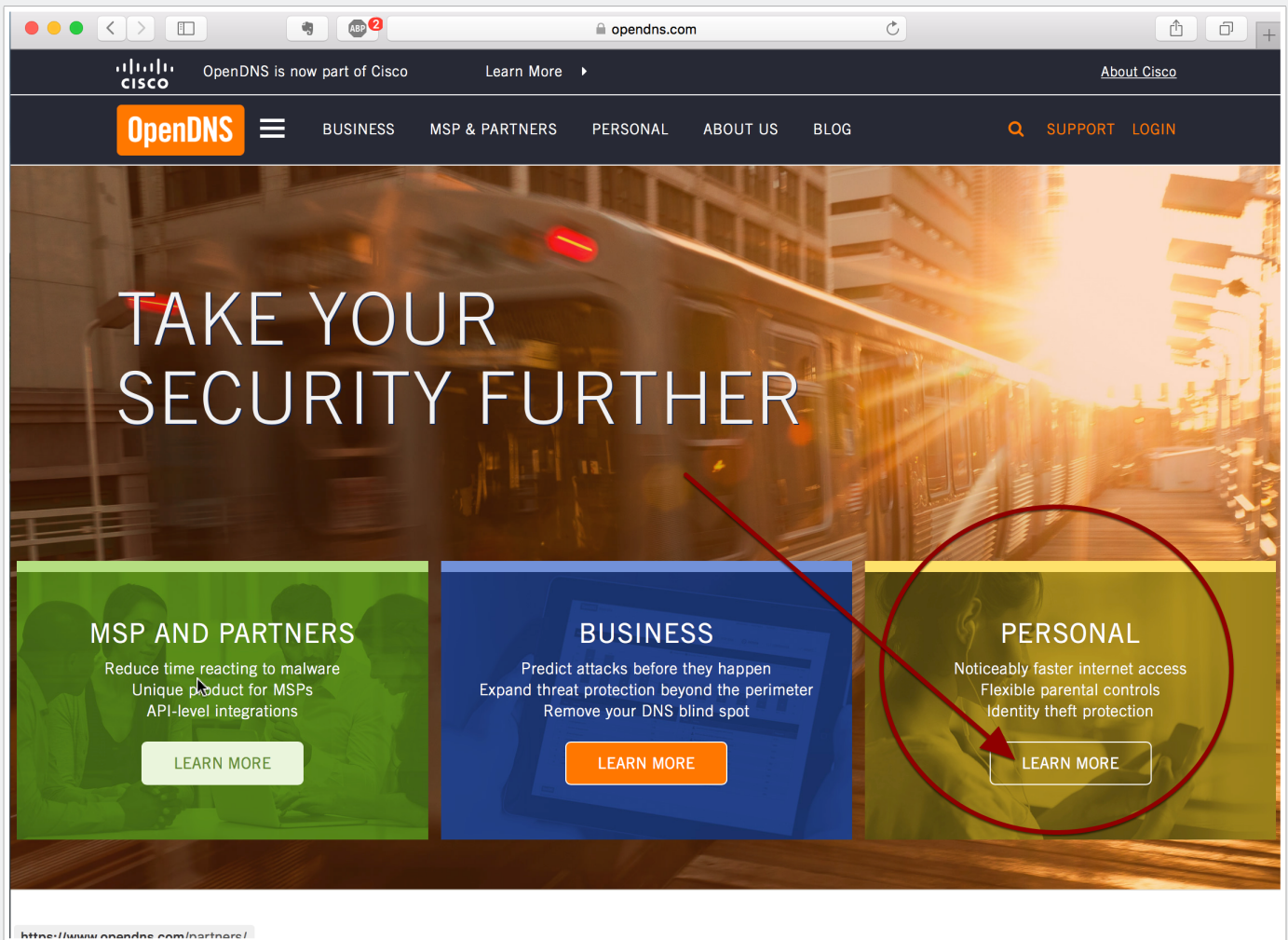
To make the change that affects all the devices at your house, you'll need to configure your WiFi router to NOT use the DNS servers from your internet provider - but instead to use the DNS servers from the company that offers filtering services.

You'll make a change to the DHCP information that every device receives when it connects to your WiFi router. (Specific instructions follow)

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Configure home for openDNS

Go to <http://OpenDNS.com> and select "Personal"



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Home Internet Security | OpenDNS

Select the "open DNS Home" option. This gives you all the benefits of "Family Shield" AND gives you the ability to add sites that your family needs to get access to.

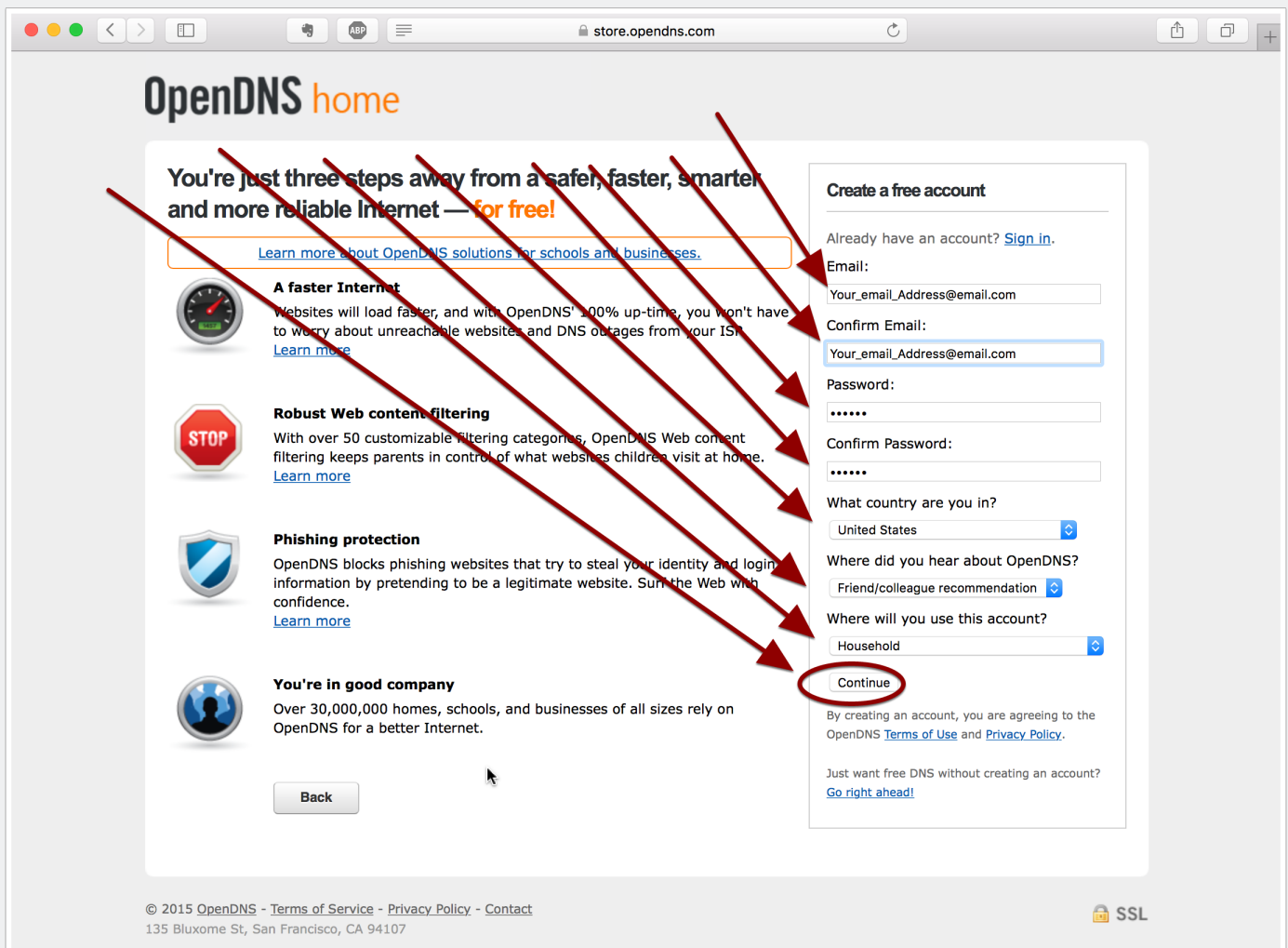
In our case, the Hanes site was blocked, and I like Hanes undershirts. Since Hanes is under the "underwear" category, it's on the blacklist. There's a way to "white list" the site using the "Open DNS Home" option.

The screenshot shows the OpenDNS website interface. At the top, there's a navigation bar with the OpenDNS logo, a menu icon, and the word "PERSONAL". Below this is a secondary navigation bar with links for "Parental Controls", "Testimonials", "Benefit Matrix", and "Premium DNS". The main content area features a large heading "HOME INTERNET SECURITY FROM OPENDNS" and a sub-heading "The easiest way to make your Internet safer, faster and more reliable." Below this, there are three service cards. The first card is "OpenDNS Family Shield FREE" with a "SETUP GUIDE" button. The second card is "OpenDNS Home FREE" with a "SIGN UP" button, which is circled in red and has a red arrow pointing to it. The third card is "OpenDNS Home VIP \$19.95/year" with a "BUY NOW" button.

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OpenDNS Store > Free Parental Controls Sign-Up

Fill in the details to create your account.



The screenshot shows the OpenDNS sign-up page. The main heading is "OpenDNS home". Below it, a banner reads "You're just three steps away from a safer, faster, smarter and more reliable Internet — for free!". There are four feature sections: "A faster Internet", "Robust Web content filtering", "Phishing protection", and "You're in good company". On the right, the "Create a free account" form is visible. Red arrows point from the feature sections to the form fields. The "Continue" button is circled in red.

Create a free account

Already have an account? [Sign in.](#)

Email:

Confirm Email:

Password:

Confirm Password:

What country are you in?

Where did you hear about OpenDNS?

Where will you use this account?

By creating an account, you are agreeing to the OpenDNS [Terms of Use](#) and [Privacy Policy](#).

Just want free DNS without creating an account?
[Go right ahead!](#)

© 2015 OpenDNS - [Terms of Service](#) - [Privacy Policy](#) - [Contact](#)
135 Bluxome St, San Francisco, CA 94107

SSL

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OpenDNS - Setup Guide

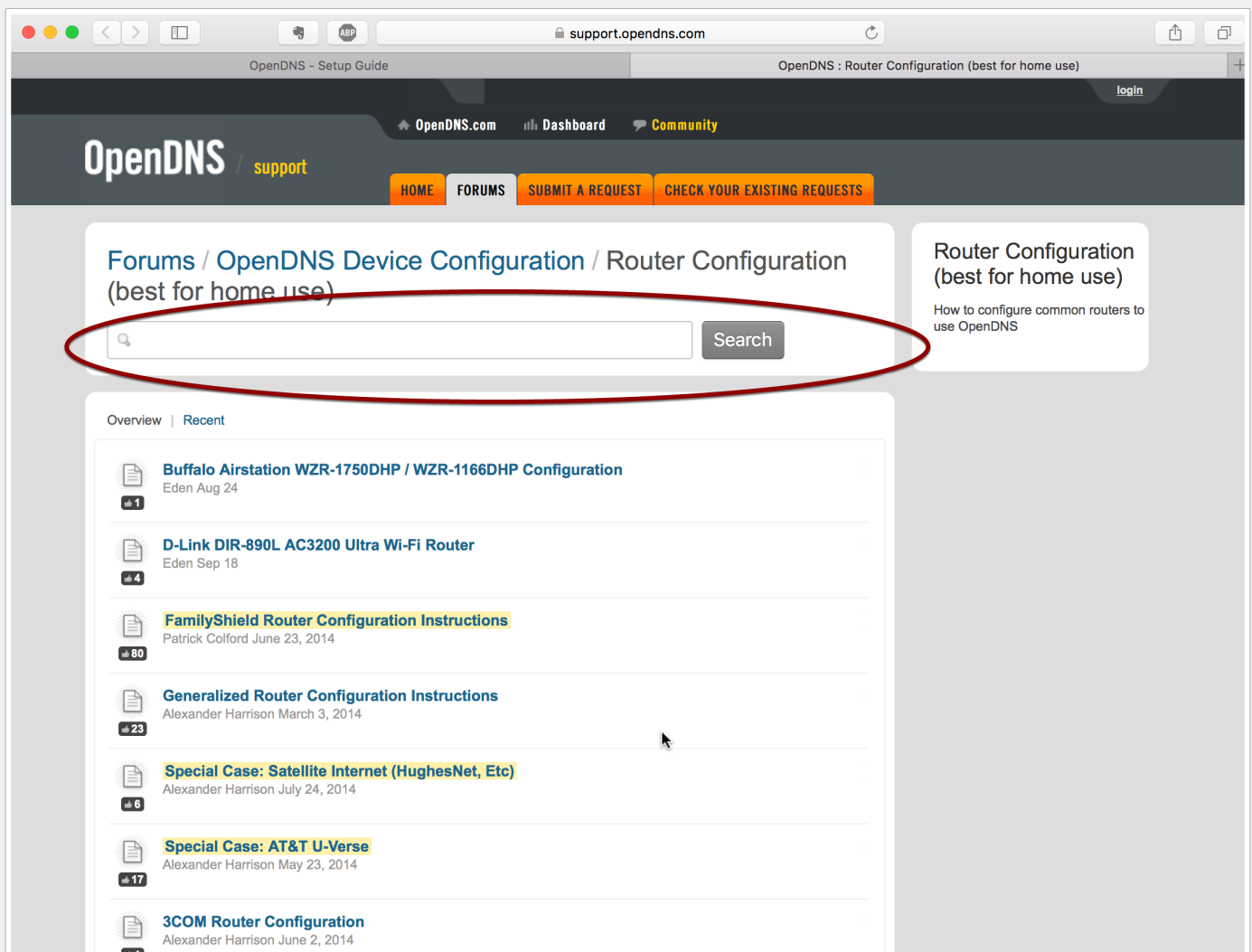
1. If you know how to connect to your router and change the DHCP settings, all you need to know is the DNS addresses.
2. If you don't know the nerdy details of your router, there's a database to help!

The screenshot shows a web browser window with the URL `store.opendns.com`. The page title is "OpenDNS Setup Guide". The main heading is "NEXT STEP: CHANGE YOUR DNS". Below this heading, there is a paragraph: "Thanks for choosing OpenDNS! To get started, you'll need to set up one or more of your devices to use OpenDNS's DNS Nameservers. For instructions on how to do this, choose your device type from one of the categories below." There are four categories represented by icons: "Home routers" (Wi-Fi symbol), "Computer Workstations and Laptops" (laptop icon), "Servers" (server rack icon), and "Smart Devices (Phone, Tablets, Game Consoles, etc.)" (smartphone icon). A red arrow points from a circled "2" to the "Home routers" category. On the right side, there is a "FOR THE NERDS" section with the text "Our nameservers are always:" followed by two IP addresses: "208.67.222.222" and "208.67.220.220", which are circled in red. A circled "1" is next to the "FOR THE NERDS" section.

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OpenDNS : Router Configuration (best for home use)

search for your router brand and model #, then follow the specific instructions for YOUR router.

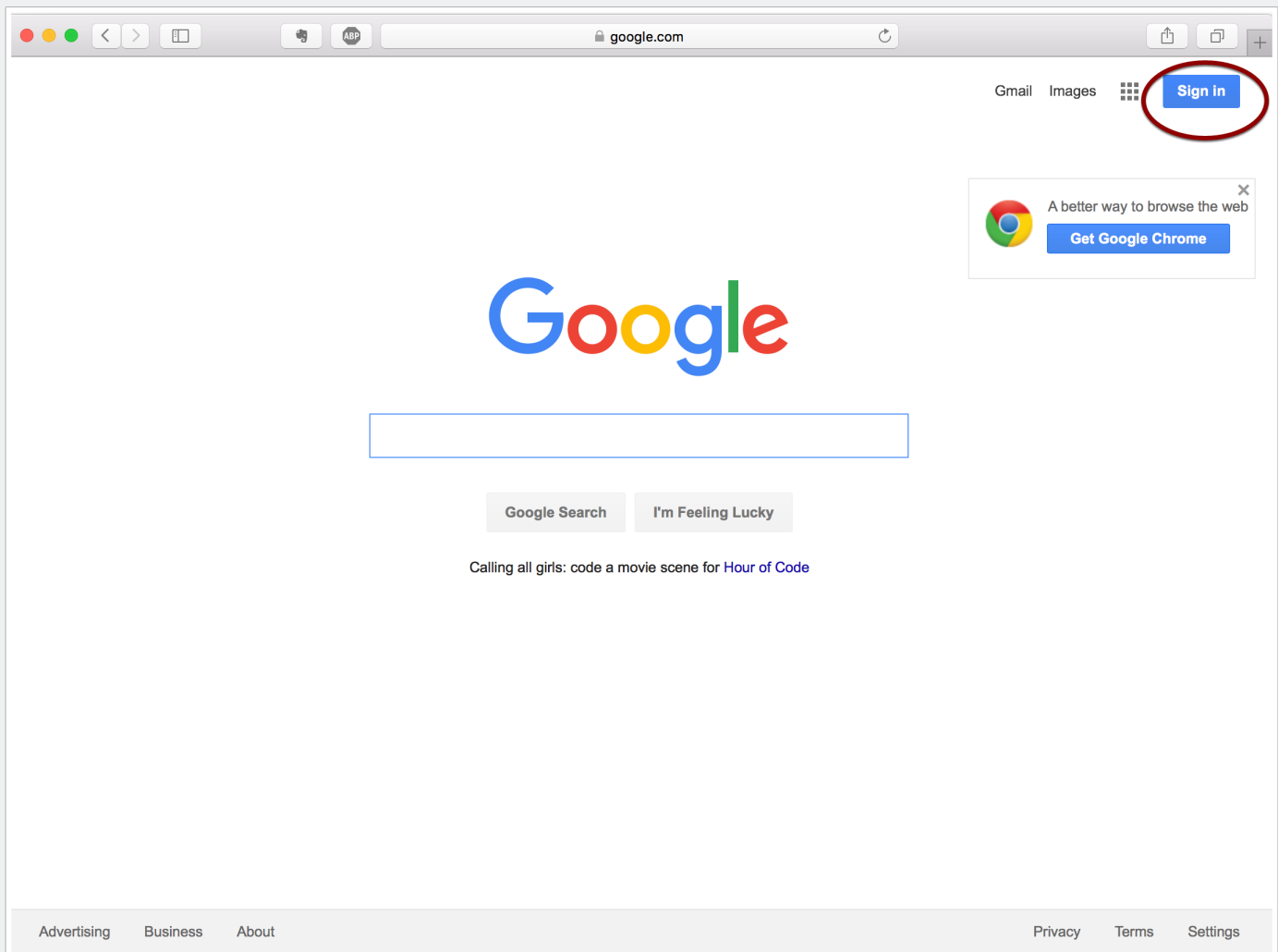


The screenshot shows the OpenDNS support website. The browser address bar displays 'support.opendns.com'. The page title is 'OpenDNS : Router Configuration (best for home use)'. The navigation menu includes 'HOME', 'FORUMS', 'SUBMIT A REQUEST', and 'CHECK YOUR EXISTING REQUESTS'. The main content area is titled 'Forums / OpenDNS Device Configuration / Router Configuration (best for home use)'. A search bar is highlighted with a red oval. Below the search bar, there is a list of router configuration instructions:

- Buffalo Airstation WZR-1750DHP / WZR-1166DHP Configuration (Eden Aug 24)
- D-Link DIR-890L AC3200 Ultra Wi-Fi Router (Eden Sep 18)
- FamilyShield Router Configuration Instructions (Patrick Colford June 23, 2014)
- Generalized Router Configuration Instructions (Alexander Harrison March 3, 2014)
- Special Case: Satellite Internet (HughesNet, Etc) (Alexander Harrison July 24, 2014)
- Special Case: AT&T U-Verse (Alexander Harrison May 23, 2014)
- 3COM Router Configuration (Alexander Harrison June 2, 2014)

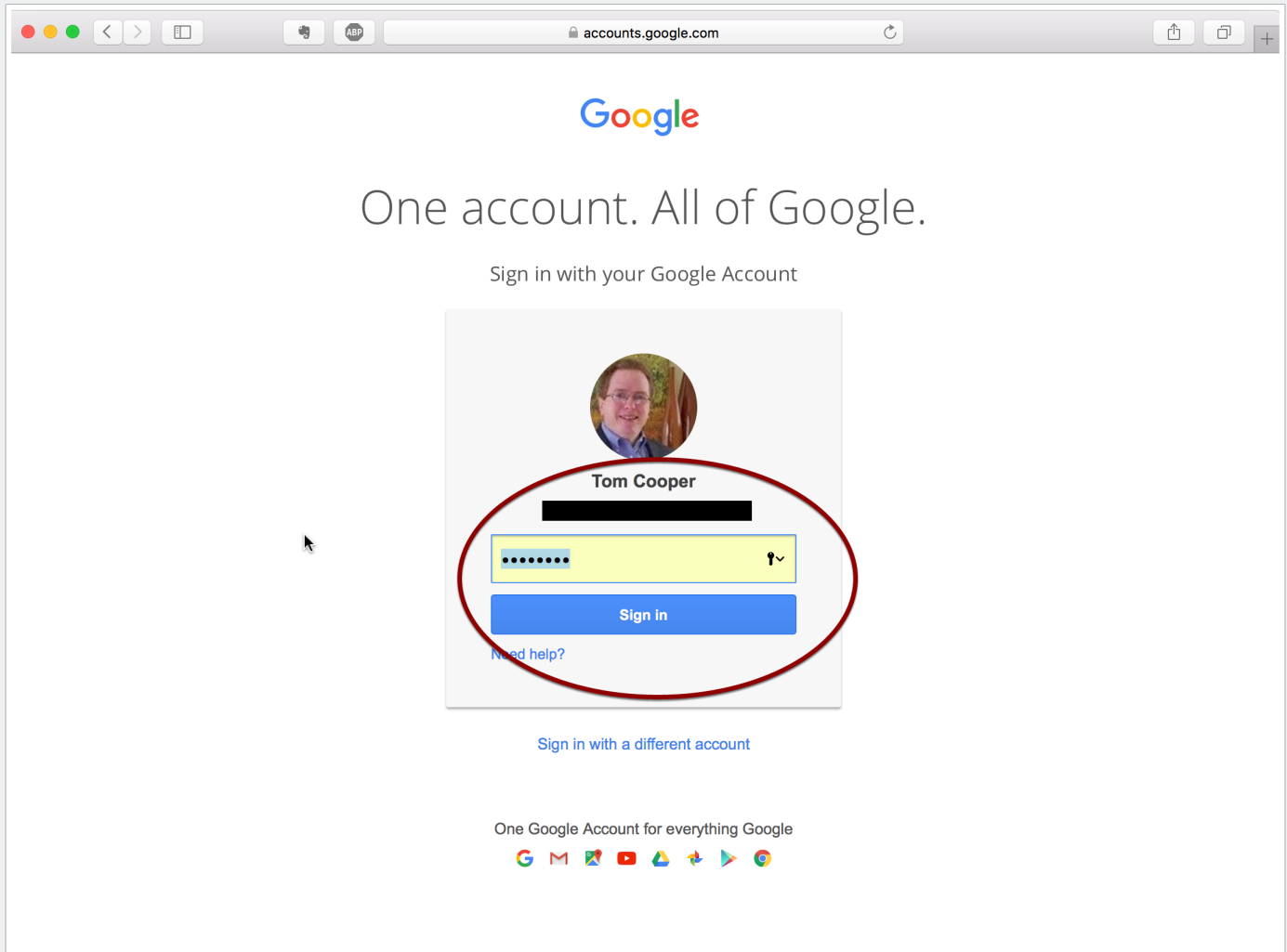
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Now we need to change Google so that it blocks explicit content



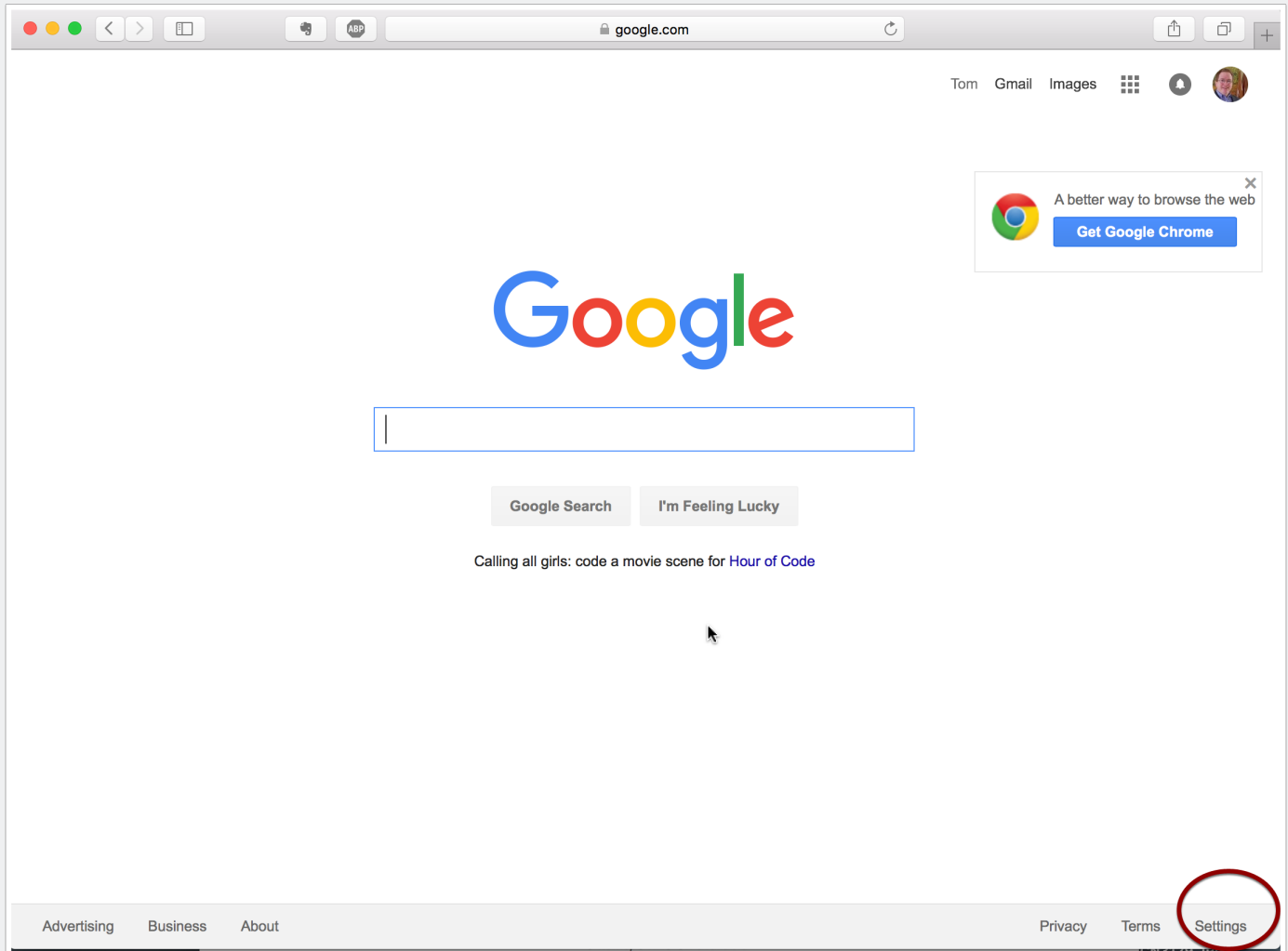
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Sign in - Google Accounts

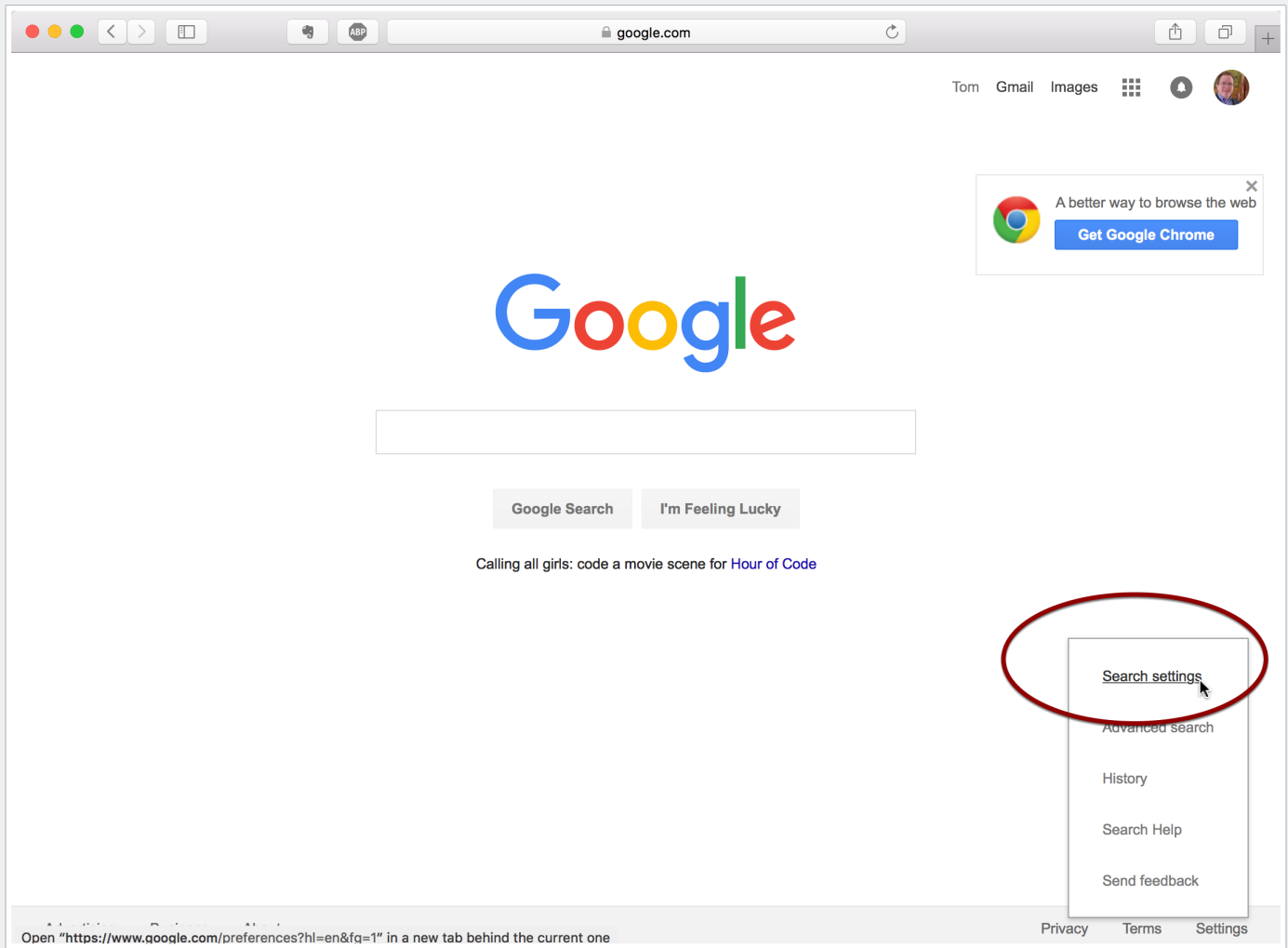


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Google

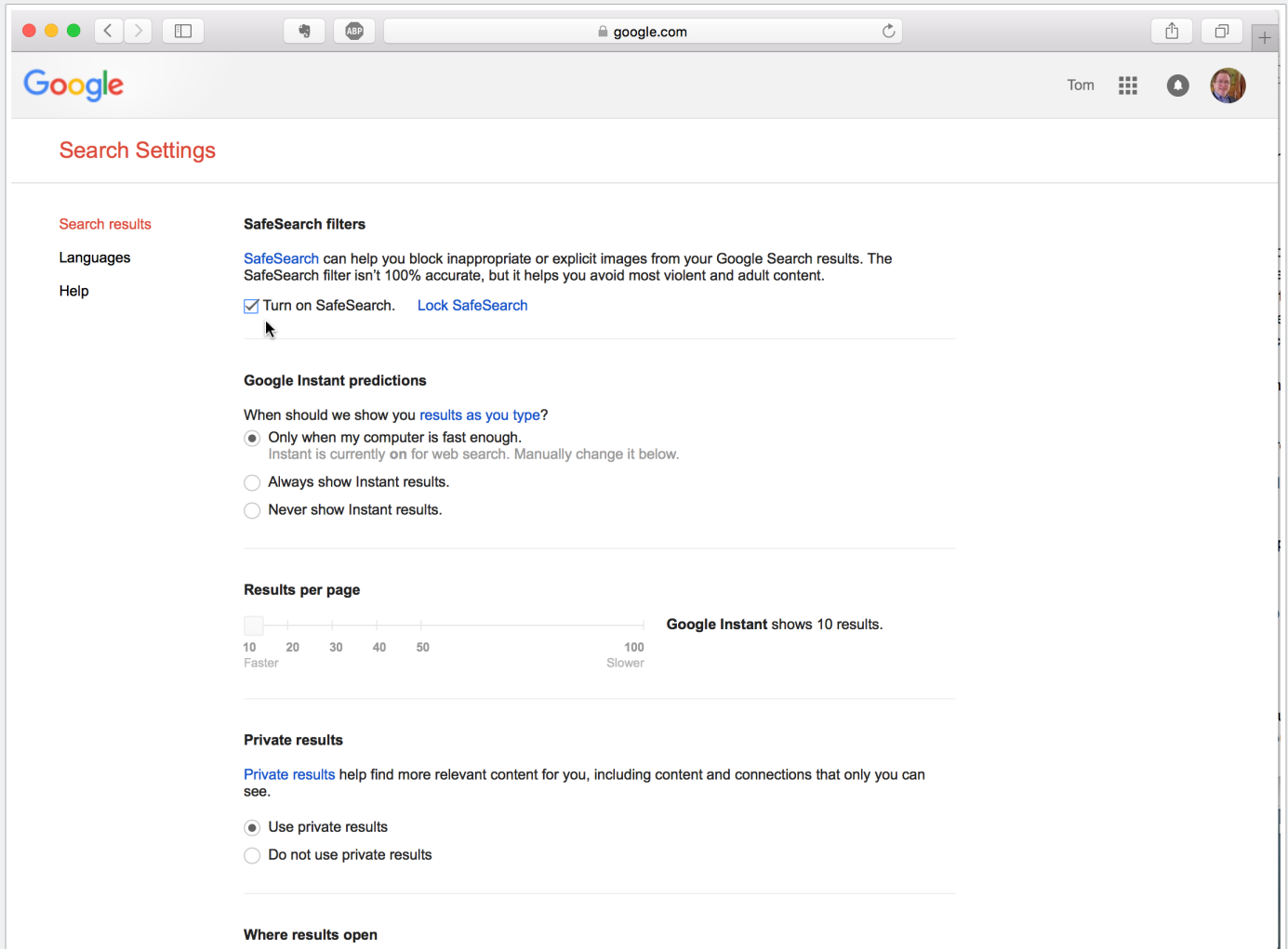


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Search Settings

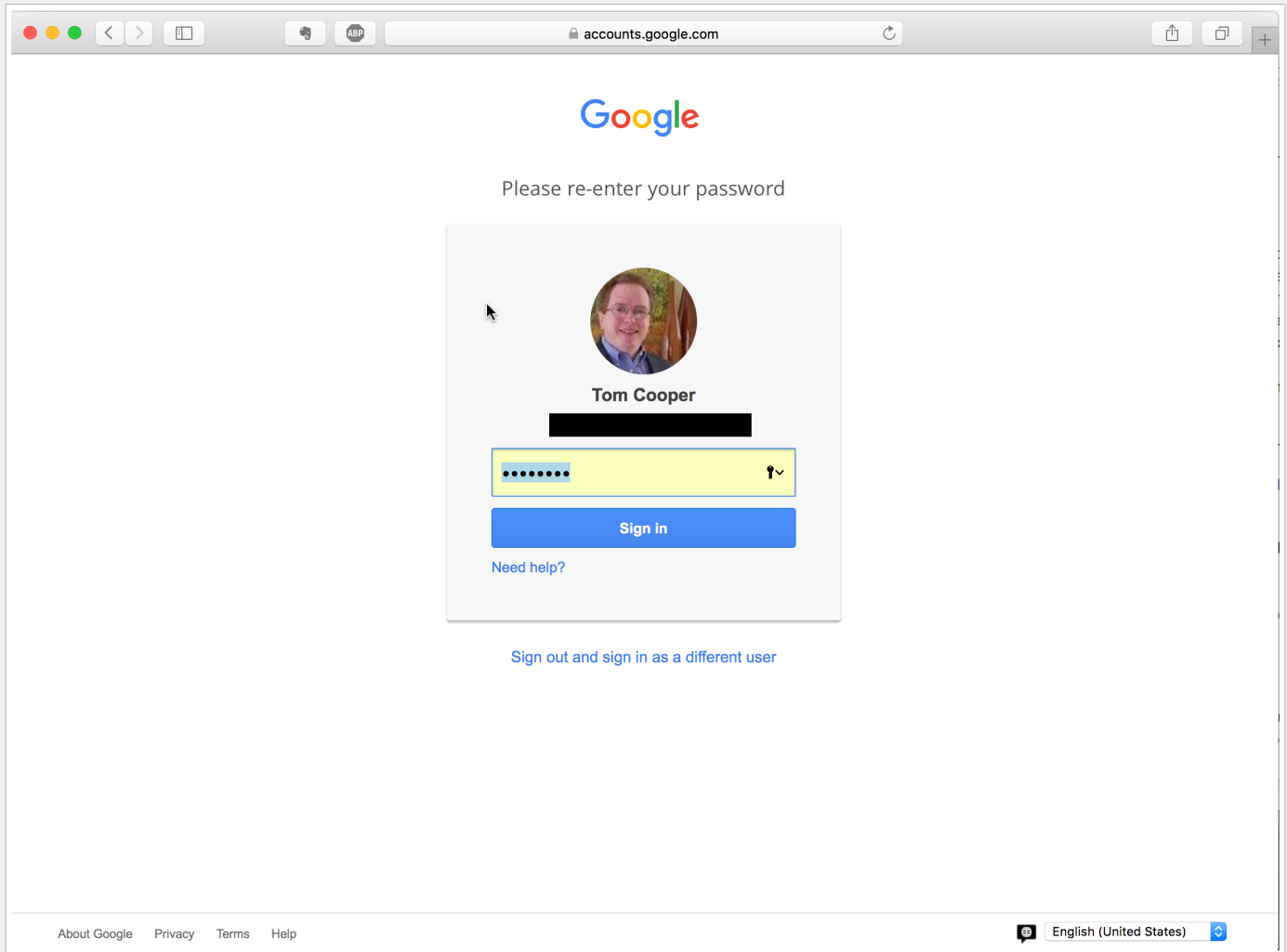


The screenshot shows the Google Search Settings page in a browser window. The browser's address bar shows "google.com". The page title is "Search Settings". On the left, there are links for "Search results", "Languages", and "Help". The main content area is divided into several sections:

- SafeSearch filters:** A description of SafeSearch and a checked checkbox for "Turn on SafeSearch". A "Lock SafeSearch" link is also present.
- Google Instant predictions:** A question "When should we show you results as you type?" with three radio button options: "Only when my computer is fast enough." (selected), "Always show Instant results.", and "Never show Instant results." A note below states "Instant is currently on for web search. Manually change it below."
- Results per page:** A slider ranging from 10 (Faster) to 100 (Slower). The slider is positioned at 10, and a label indicates "Google Instant shows 10 results."
- Private results:** A description of private results and two radio button options: "Use private results" (selected) and "Do not use private results".
- Where results open:** This section is partially visible at the bottom of the page.

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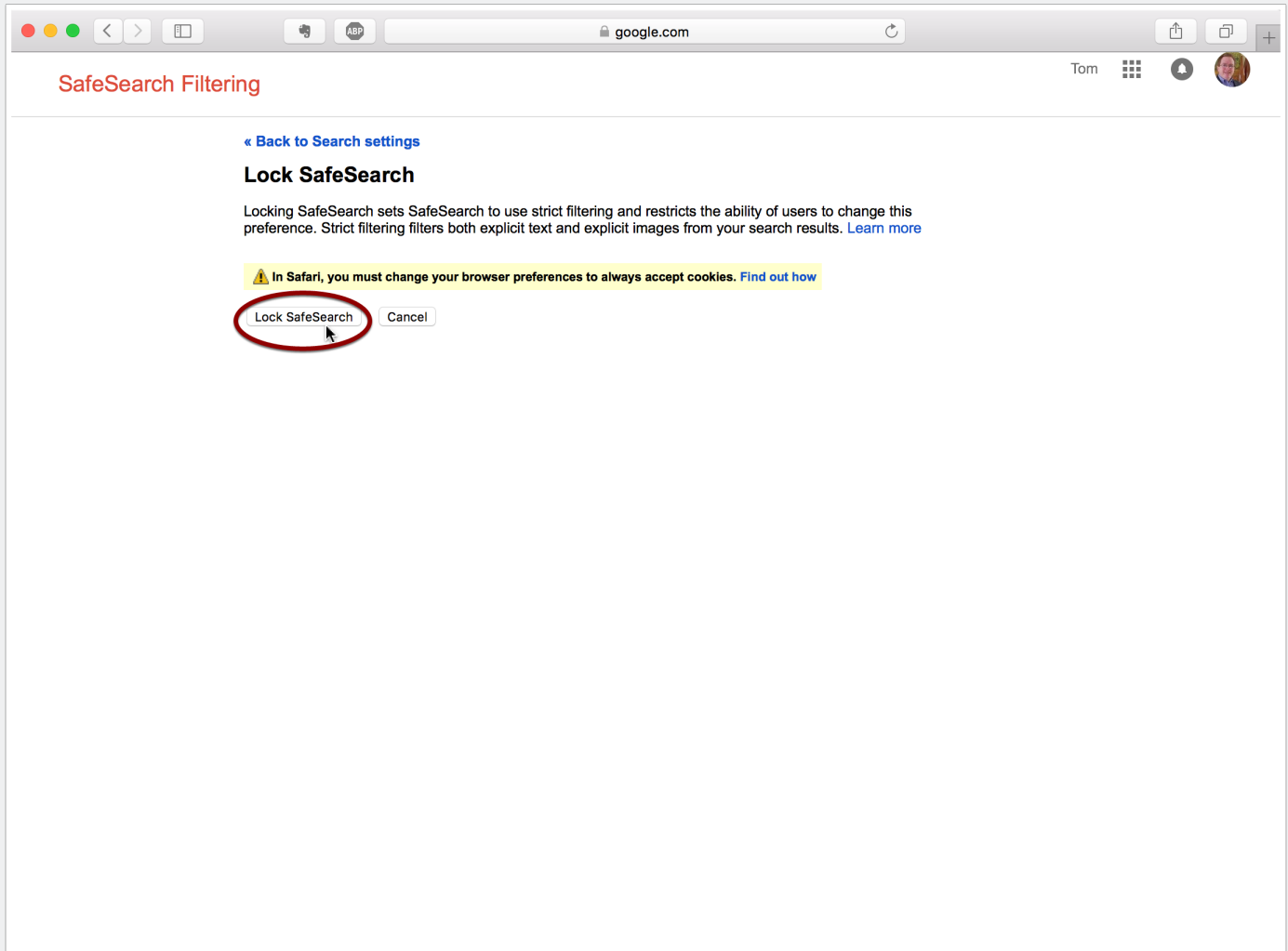
Sign in - Google Accounts



The screenshot shows a web browser window with the URL `accounts.google.com`. The page features the Google logo at the top. Below it, the text "Please re-enter your password" is displayed. A central card contains a circular profile picture of Tom Cooper, his name "Tom Cooper", and a redacted email address. A password field with a yellow background and a dropdown arrow is present, followed by a blue "Sign in" button. A link for "Need help?" is located below the button. At the bottom of the card, there is a link that says "Sign out and sign in as a different user". The footer of the page includes links for "About Google", "Privacy", "Terms", and "Help", along with a language selector set to "English (United States)".

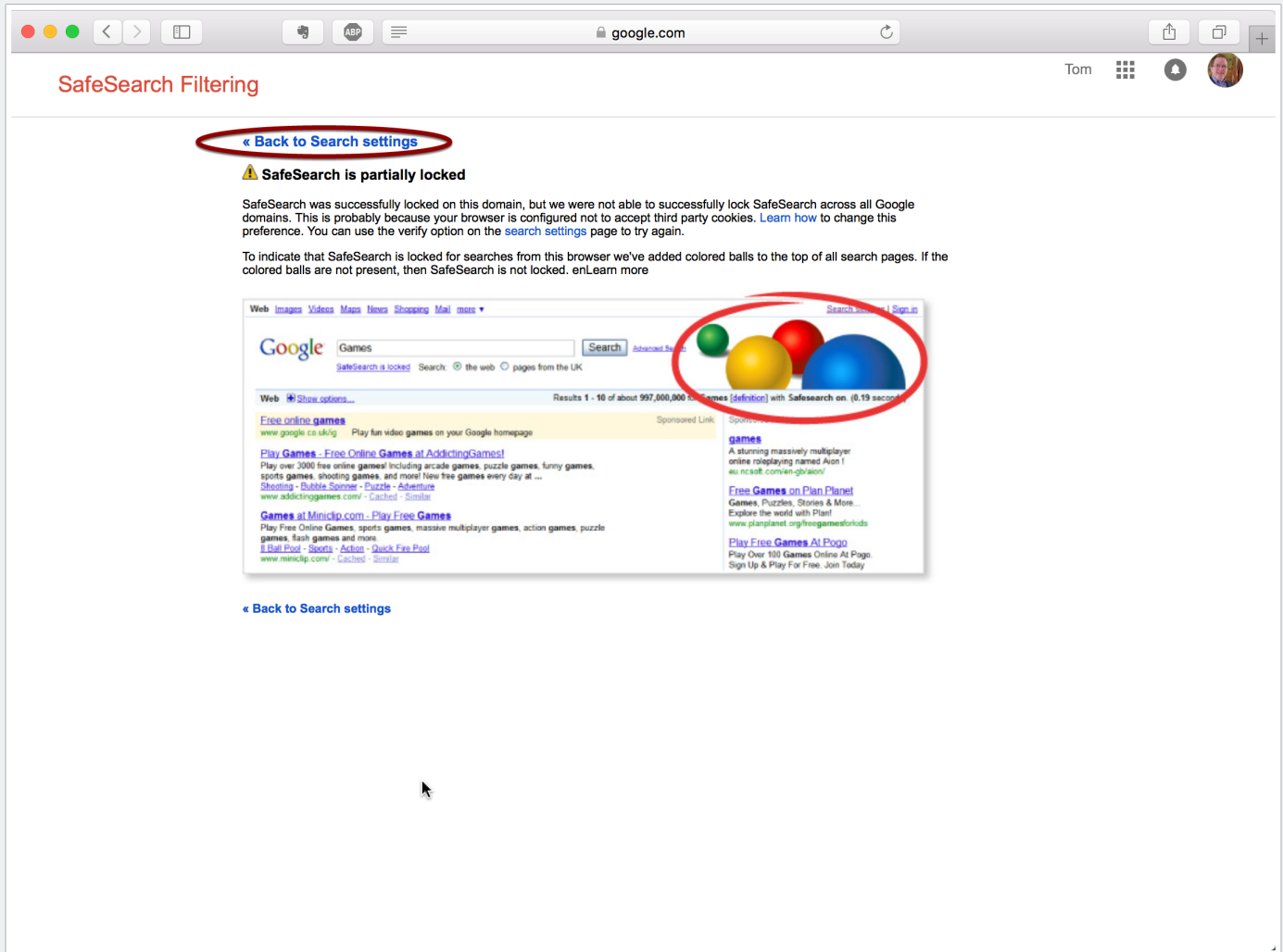
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SafeSearch Filtering



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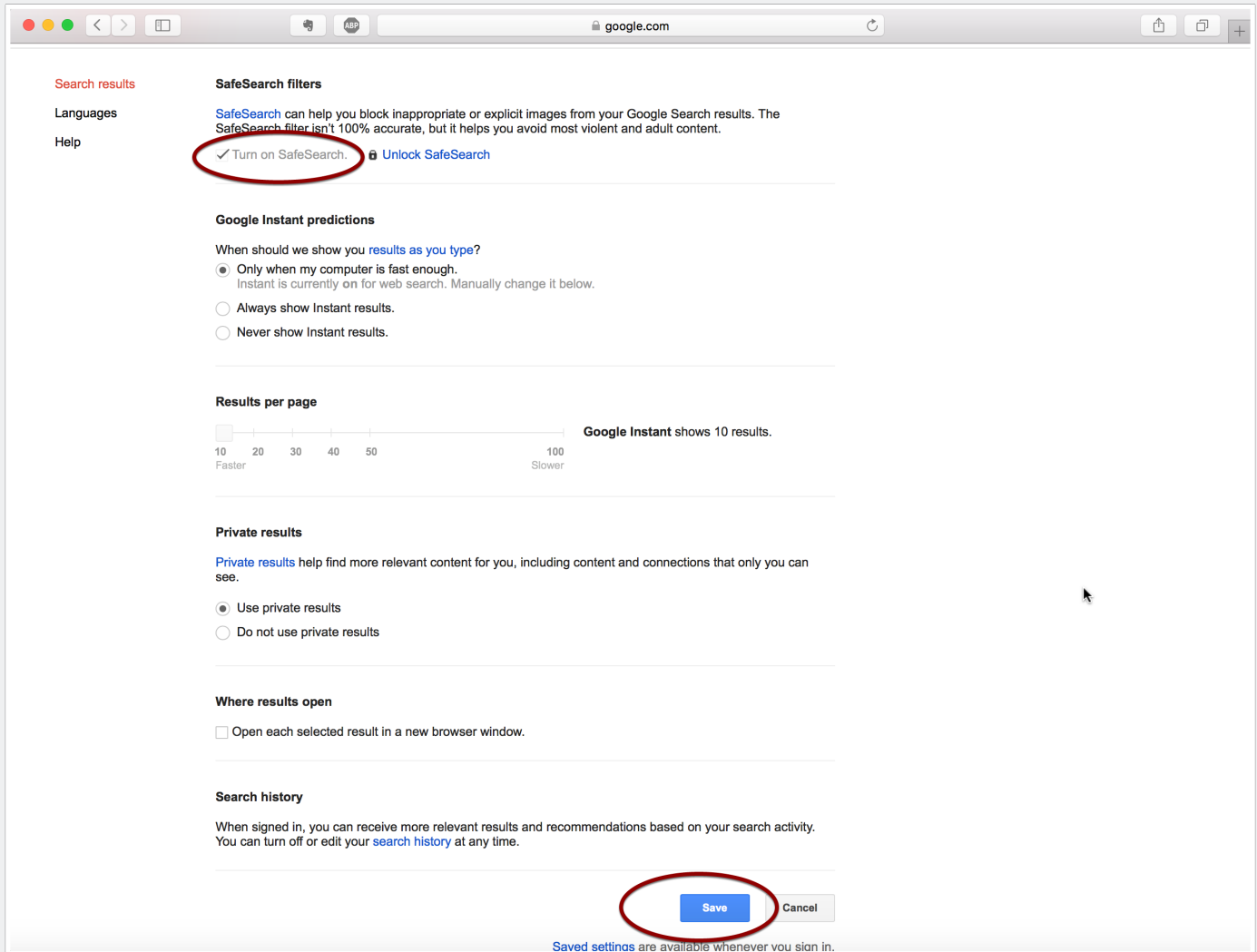
SafeSearch Filtering



The screenshot shows a web browser window with the address bar set to google.com. The page title is "SafeSearch Filtering". At the top left, there is a link "[« Back to Search settings](#)". Below this is a warning icon and the text "SafeSearch is partially locked". A paragraph explains that SafeSearch was successfully locked on this domain but not across all Google domains due to browser settings. Another paragraph states that colored balls (green, yellow, red, blue) are added to the top of search pages to indicate filtering status. An inset image shows a Google search for "Games" with four colored balls (green, yellow, red, blue) circled in red. Below the inset is another link "[« Back to Search settings](#)".

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Search Settings



The screenshot shows the Google Search Settings page in a browser window. The browser's address bar shows 'google.com'. The page content includes several sections: 'SafeSearch filters', 'Google Instant predictions', 'Results per page', 'Private results', 'Where results open', and 'Search history'. Two red circles highlight specific elements: one around the 'Turn on SafeSearch' checkbox and another around the 'Save' button at the bottom right. The 'Save' button is a blue rectangle with white text, and the 'Cancel' button is a grey rectangle with black text. Below the buttons, a small blue link reads 'Saved settings are available whenever you sign in.'

Search results

Languages

Help

SafeSearch filters

SafeSearch can help you block inappropriate or explicit images from your Google Search results. The SafeSearch filter isn't 100% accurate, but it helps you avoid most violent and adult content.

Turn on SafeSearch. [Unlock SafeSearch](#)

Google Instant predictions

When should we show you results as you type?

Only when my computer is fast enough.
Instant is currently on for web search. Manually change it below.

Always show Instant results.

Never show Instant results.

Results per page

10 20 30 40 50 100
Faster Slower

Google Instant shows 10 results.

Private results

Private results help find more relevant content for you, including content and connections that only you can see.

Use private results

Do not use private results

Where results open

Open each selected result in a new browser window.

Search history

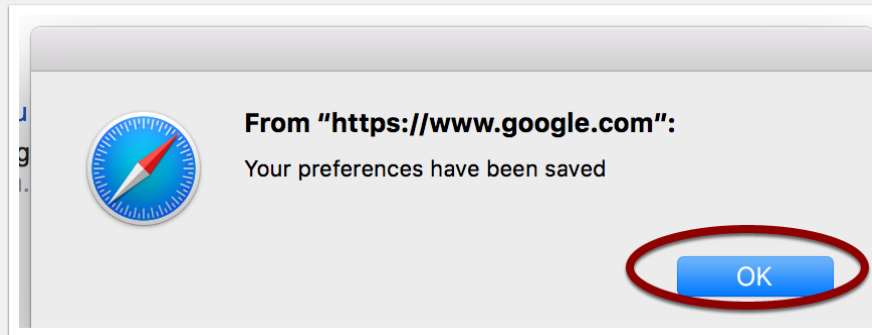
When signed in, you can receive more relevant results and recommendations based on your search activity. You can turn off or edit your [search history](#) at any time.

[Save](#) [Cancel](#)

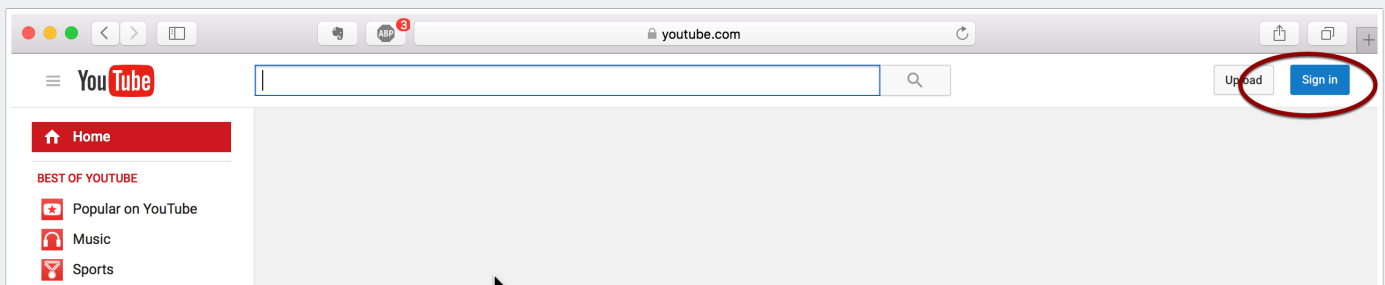
[Saved settings](#) are available whenever you sign in.

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Settings are saved

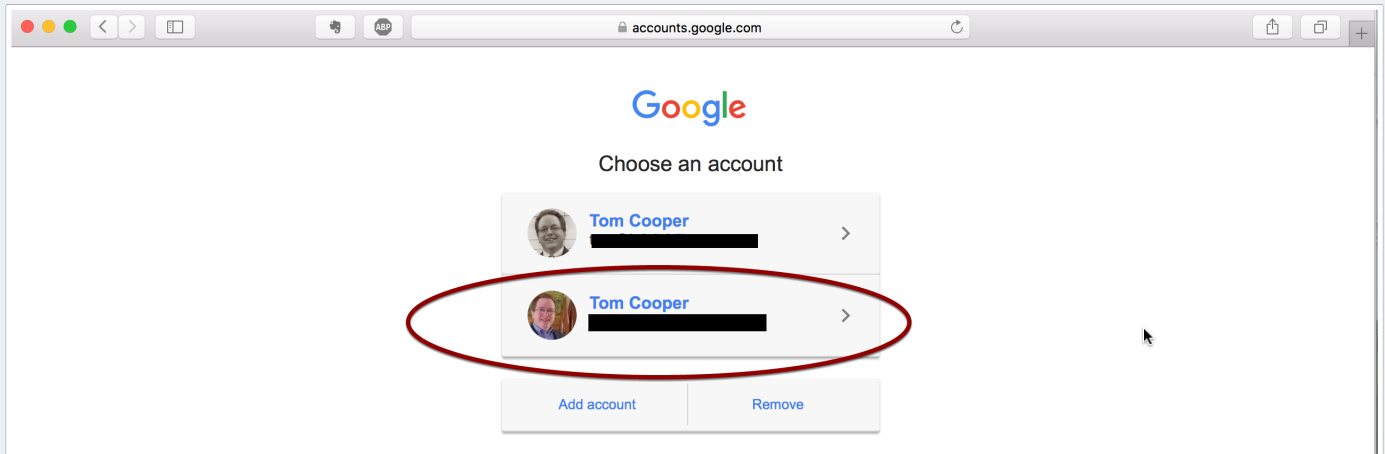


YouTube - change your settings to block explicit content



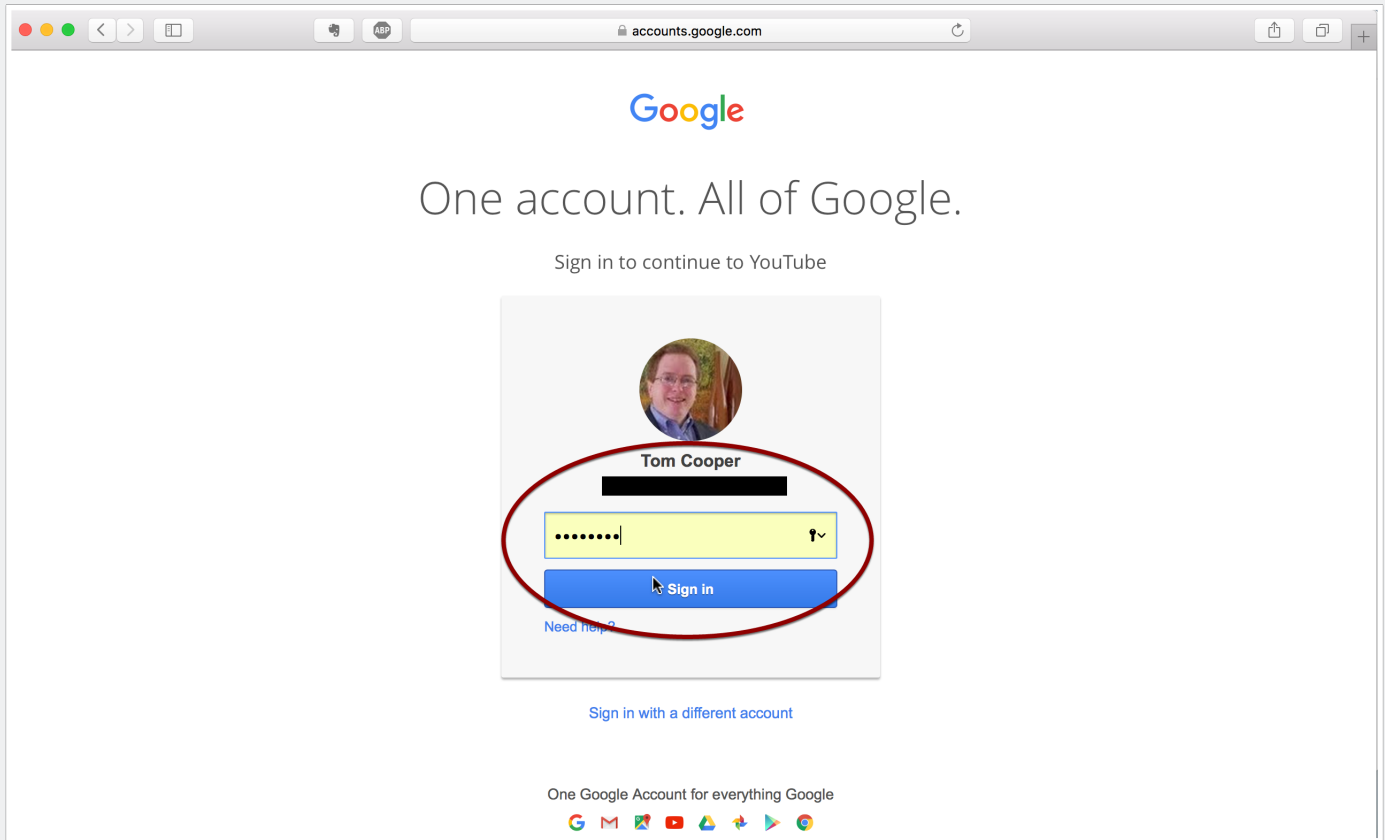
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Google Accounts



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YouTube



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YouTube Settings

Why does YouTube think I love Billy Joel?

1. Click the restricted mode, then
2. select "Restricted mode on"

The screenshot shows the YouTube website interface. At the top, the navigation bar includes the YouTube logo, a search bar, and an 'Upload' button. Below the navigation bar, the main content area displays a 'Recommended channel for you' section for 'billyjoelVEVO', featuring four video thumbnails: 'Billy Joel - Piano Man', 'Billy Joel - We Didn't Start the Fire (Official Video)', 'Billy Joel - Uptown Girl', and 'Billy Joel - The Longest Time'. Below the video thumbnails, there is a 'Load more' button.

At the bottom of the page, the 'Restricted Mode' settings are visible. A red circle labeled '1' highlights the 'Restricted Mode: Off' dropdown menu. Below this, the 'Restricted Mode' section is expanded, showing the 'On' radio button selected and the 'Off' radio button unselected. A red circle labeled '2' highlights the 'On' radio button. Below the radio buttons, there is a link that says 'Lock Restricted Mode on this browser' and a 'Save' button.

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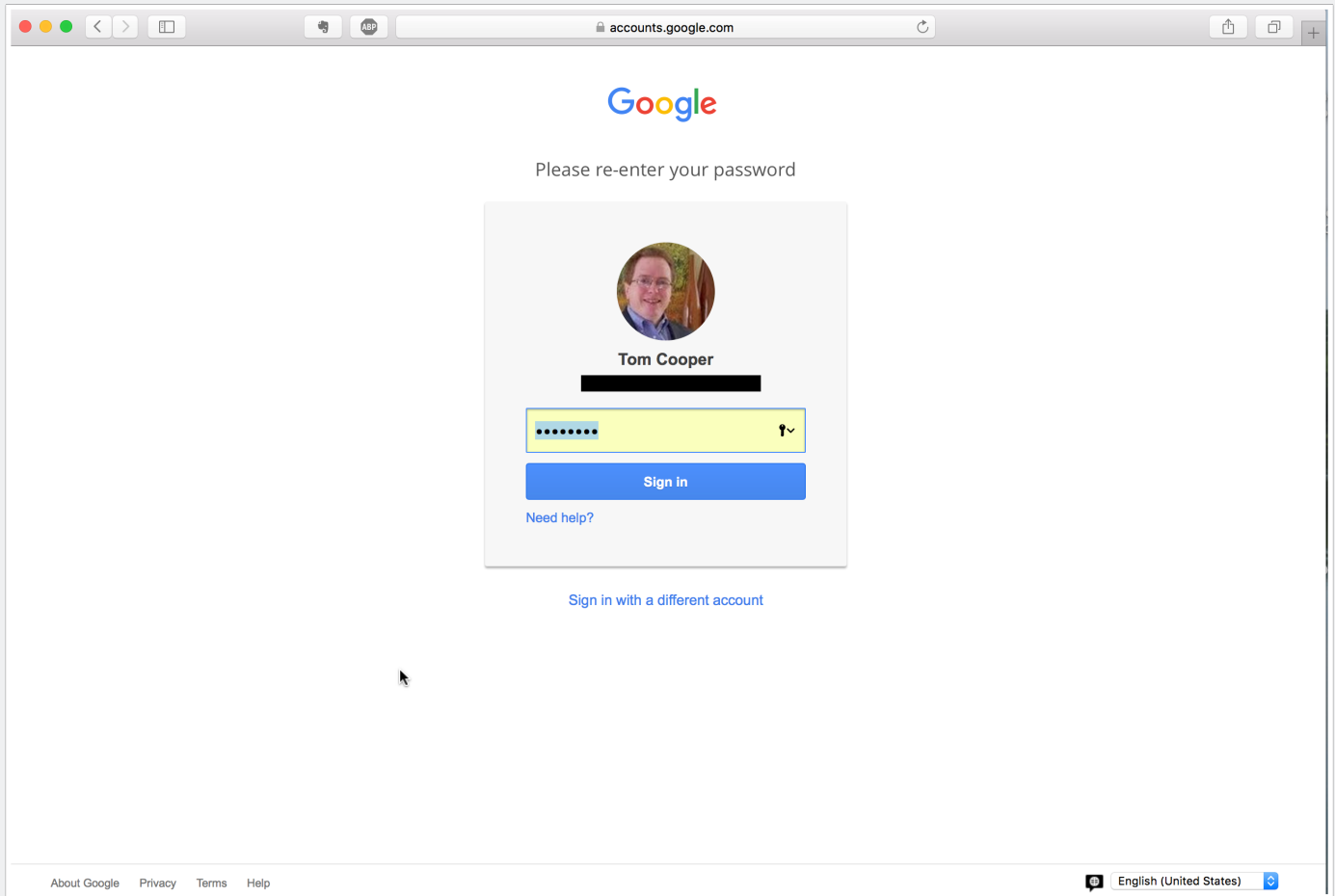
YouTube

1. I also recommend that you "lock restricted mode on this browser" and
2. Save your settings

The screenshot shows the YouTube homepage in a browser window. The browser's address bar displays 'youtube.com'. The page features the YouTube logo, a search bar, and navigation links for Home and Subscriptions. A sidebar on the left contains links to Home, My Channel, Subscriptions, History, Watch Later, Playlists, Favorites, and Subscriptions. The main content area displays a recommended channel for 'billyjoelVEVO' with four video thumbnails: 'Billy Joel - Piano Man', 'Billy Joel - We Didn't Start the Fire (Official Video)', 'Billy Joel - Uptown Girl', and 'Billy Joel - The Longest Time'. Below the videos, there are settings for Language (English), Country (Worldwide), and Restricted Mode (Off). A 'Restricted Mode' notification box is visible, explaining that it hides videos with inappropriate content. The 'Lock Restricted Mode on this browser' option is circled in red and labeled with a '1'. The 'Save' button is circled in red and labeled with a '2'.

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Sign in - Google Accounts



The screenshot shows a web browser window with the address bar displaying "accounts.google.com". The page features the Google logo at the top center. Below the logo, the text "Please re-enter your password" is displayed. A central card contains a circular profile picture of Tom Cooper, his name "Tom Cooper", and a redacted email address. Below the name and email is a password input field with a yellow background and a dropdown arrow. A blue "Sign in" button is positioned below the password field. A link for "Need help?" is located below the "Sign in" button. At the bottom of the card, there is a link for "Sign in with a different account". The footer of the page includes links for "About Google", "Privacy", "Terms", and "Help", along with a language selector set to "English (United States)".

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YouTube

Check to see that

1. restricted mode is on and

2. is also locked

The screenshot shows the YouTube homepage with the 'Restricted Mode: On' button circled in red and labeled with a '1'. Below the main content area, a notification box is visible, also circled in red and labeled with a '2'. The notification text reads: 'Unlock Restricted Mode on this browser. Restricted Mode lock prevents others from changing the Restricted Mode settings on this browser. To unlock Restricted Mode: You'll need to sign back into this account in order to unlock and disable Restricted Mode. Restricted Mode cannot be unlocked unless you're signed into this account. Once you've signed into this account, scroll to the bottom of any YouTube page and click the Restricted Mode button. You'll then be able to unlock and disable Restricted Mode.'

Your're done!