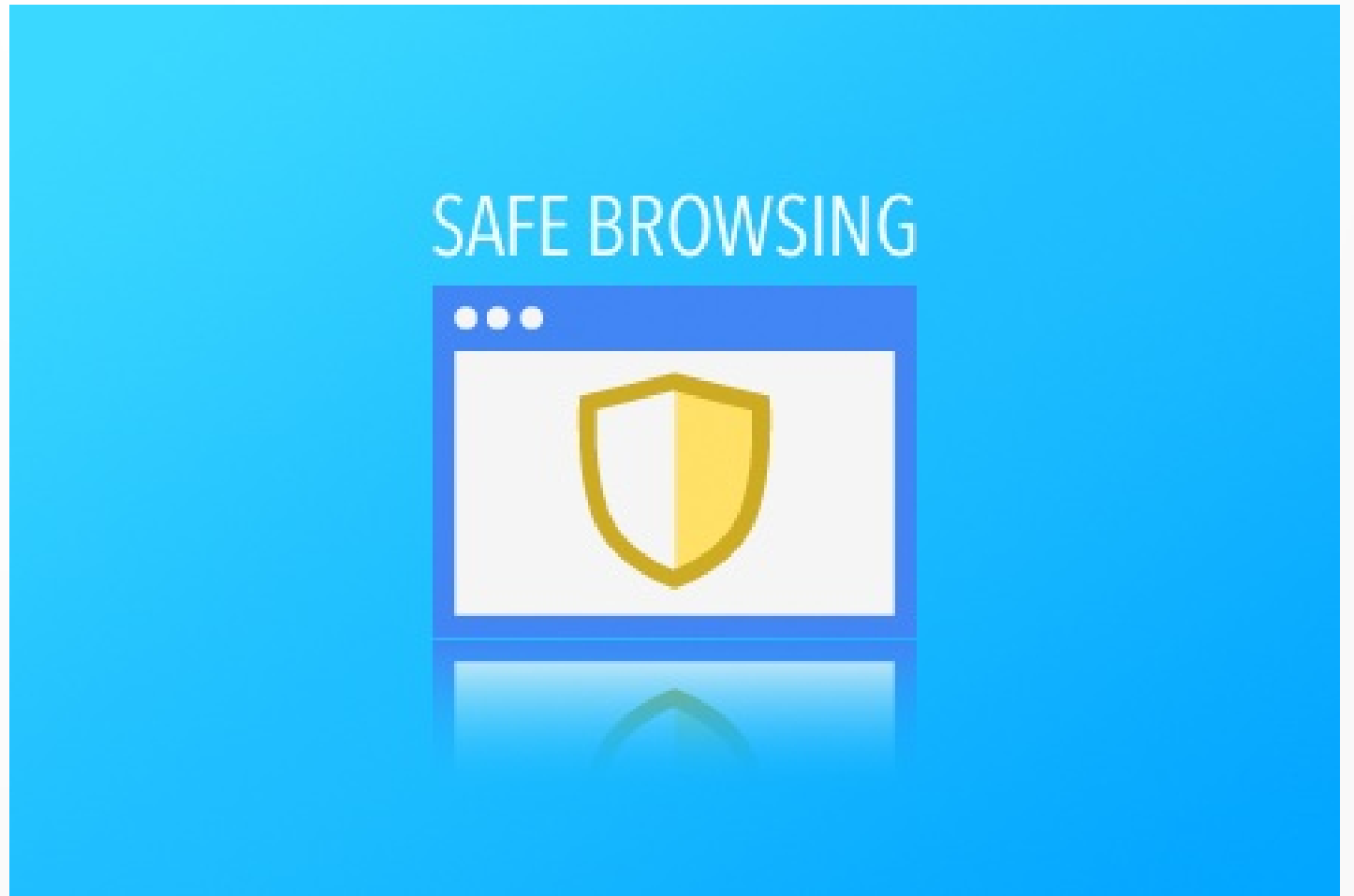# Safe Browsing & You!

Tips n' Tricks to help you navigate the WWW more securely!

Outline

- Threat Overview
- Browsers
- Cookies/Options
- Extensions
- Browser Fingerprint
- Search
- Going forward

SAFE BROWSING

Threat Overview

WHO/WHAT ARE WE WORRIED ABOUT?

Browsers

WHAT BROWSERS DO FOLKS USE?

Browsers

- Things to look out for
  - Cookies/Do Not Track- Designed to be a mechanism for websites to remember useful information about a user's current session on a website
  - History- Sites You have visited
  - Javascript- a widely used protocol for generating web-based content, that can also gather potentially identifying information from users
  - GPS- More so on Mobile Devices!
  - Stored Information- Data you have saved (Credit Card, Passwords, etc)
  - Private Browsing
- Updates- Keeps your Browser patched up!
- ClicknClean Extension (Firefox/Chrome)!

Extensions/Plug-Ins

- Help you keep your browser secure(er)

- Firefox/Chrome (Pre-Installed on Brave and Tor)
    - Privacy Badger
    - HTTPS Everywhere
    - UBlock
    - Advanced: NoScript

Secure | https://www.eff.org/privacybadger

Privacy Badger

Privacy Badger blocks spying ads and invisible trackers.

INSTALL PRIVACY BADGER
AND ENABLE DO NOT TRACK

Click here for Opera version
Click here for Firefox version
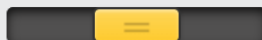v2017.11.20

Privacy Badger
version 2017.11.20

Privacy Badger detected 4 potential trackers on this page. These sliders let you control how Privacy Badger handles each one. You shouldn't need to adjust them unless something is broken.

staticxx.facebook.com	⬤——
www.facebook.com	——⬤——
platform.twitter.com	——⬤——
syndication.twitter.com	——⬤——

The domains below don't appear to be tracking you

| d1xfq2052q7thw.cloudfront.net | ——⬤ |

Disable Privacy Badger for This Site

Did Privacy Badger break this site? Let us know!

Donate to EFF

Privacy Badger
version 2017.11.20

Privacy Badger detected 0 potential trackers on this page. These sliders let you control how Privacy Badger handles each one. You shouldn't need to adjust them unless something is broken.

The domains below don't appear to be tracking you

c.amazon-adsystem.com	——⬤
static.chartbeat.com	——⬤
d31qbv1cthcecs.cloudfront.net	——⬤
survey.g.doubleclick.net	——⬤
fast.fonts.net	——⬤

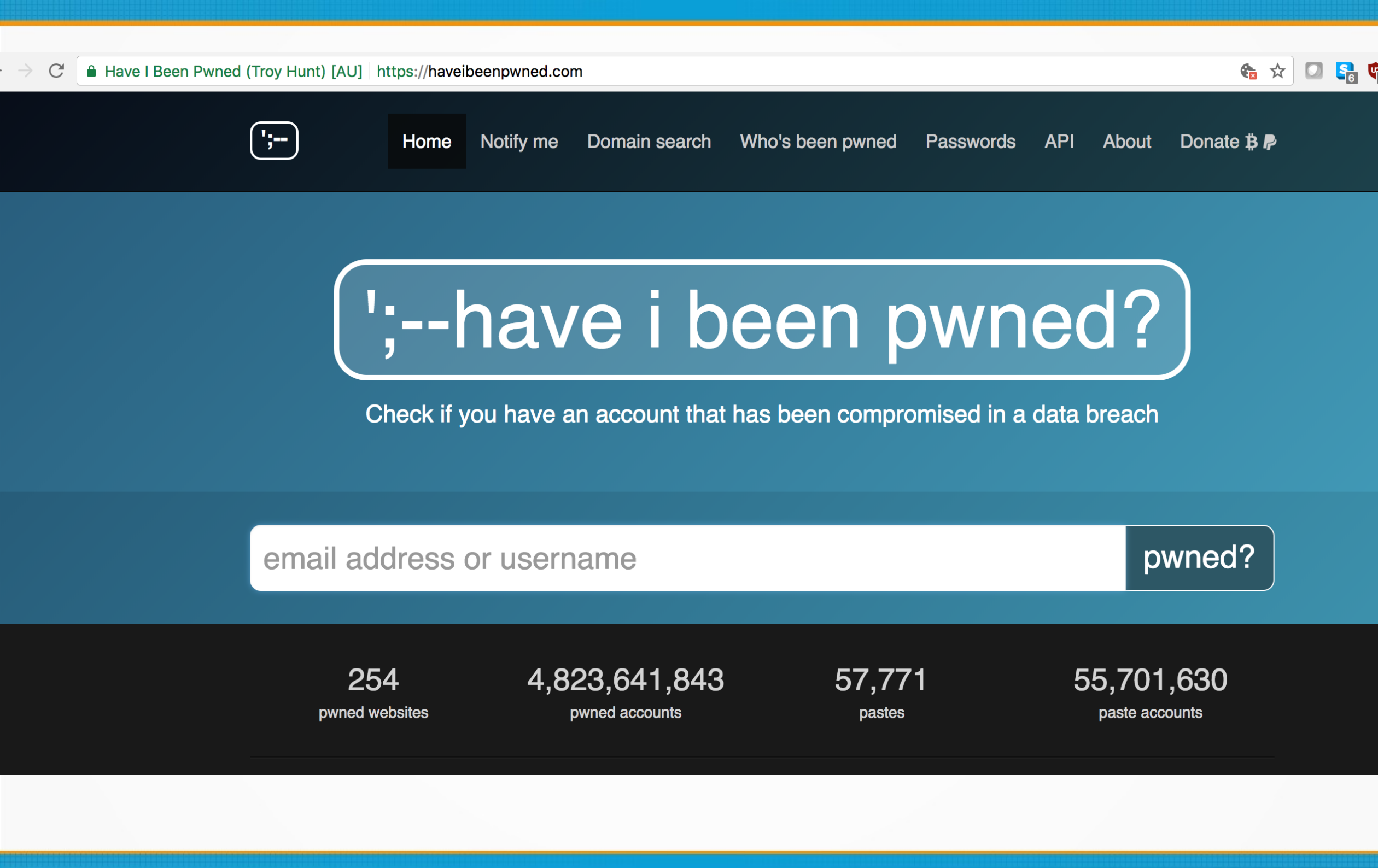Disable Privacy Badger for This Site

Did Privacy Badger break this site? Let us know!

Donate to EFF

Extensions/Plug-Ins

- Help you keep your browser secure(er)

- Firefox/Chrome (Pre-Installed on Brave and Tor)
  - Privacy Badger
  - HTTPS Everywhere
  - UBlock
  - Advanced: NoScript

';--

Home   Notify me   Domain search   Who's been pwned   Passwords   API   About   Donate ₿ 🅿

';--have i been pwned?

Check if you have an account that has been compromised in a data breach

| email address or username | pwned? |

254	4,823,641,843	57,771	55,701,630
pwned websites	pwned accounts	pastes	paste accounts

Extensions/Plug-Ins

- Help you keep your browser secure(er)

- Firefox/Chrome (Pre-Installed on Brave and Tor)

  - Privacy Badger

  - HTTPS Everywhere

  - UBlock

  - Advanced: NoScript

uBlock

uBlock is completely fr
Please donate to he

Content. Not clutter.

Your web experience has never been this fast and efficient.

✕ ads
✕ sneaky tracking
✕ overhead

✓ fast
✓ memory-efficient
✓ lightweight

Download   Donate!

This month's progress to donation goal covering bandwidth costs and supporting the project:

(updated every ~24 hours)

Check out Purify, an ultra-efficient blocker for iOS.

Servers provided by

ebotservers®

---

uBlock Origin 1.14.18

requests blocked

on this page
0 or 0%

since install
175,626 or 11%

domains connected

2 out of 2

Extensions/Plug-Ins

- Help you keep your browser secure(er)

- Firefox/Chrome (Pre-Installed on Brave and Tor)
  - Privacy Badger
  - HTTPS Everywhere
  - UBlock
  - Advanced: NoScript

www.wwe.com

no script vs ublcok

SHOWS   SUPERSTARS   TICKETS & EVENTS

Trending videos on WWE.com

03:50   01:08   02:41
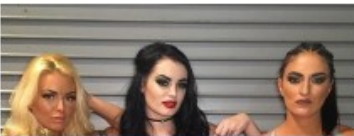
	TRUSTED				...wwe.com
	TRUSTED				...d1xfq2052q7thw.cloudfront.net
	DEFAULT				...facebook.net
	DEFAULT				...facebook.net
	TRUSTED				...googletagmanager.com
	TRUSTED				...googletagservices.com
	TRUSTED				...gstatic.com
	TRUSTED				...iperceptions.com
	TRUSTED				...monetate.net
	DEFAULT				...openx.net
	DEFAULT				...openx.net
	DEFAULT				...outbrain.com
	DEFAULT				...outbrain.com
	DEFAULT				...trustarc.com
	TRUSTED				...trustarc.com
	TRUSTED				...truste.com
	DEFAULT				...twitter.com
	TRUSTED				...twitter.com

Memorable highlights from Starrcade

02:34

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Browser FingerPrint

- Your Browser Has a FingerPrint
  - Canvas Fingerpint
  - Screen Size/Color Depth
  - Browser Plugin
  - Timezone
  - Language
  - Platform
  - Browser and Computer
- PanoptiClick (panopticlick.eff.org)

Alt. Search

- DuckDuck Go (duckduckgo.com)
  - Doesn't Store Personal Info
  - Don't Store Search History
  - Doesn't Track
  - Available for Mobile
- StartPage (StartPage.com)
  - Acts As Intermediary between You and Google
  - Strip out cookies, doesn't store IP,
  - Gives you option to connect to pages securely through Proxy
  - European Based
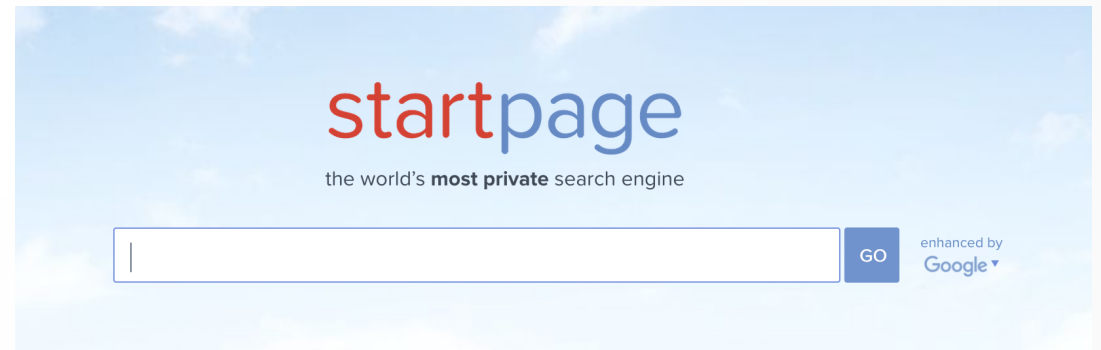
Going Forward

- **Data Detox**- datadetox.myshadow.org/detox

- **HackBlossom**- hackblossom.org/cybersecuirty

- **CryptoChristmas**- crypto.christmas

- **EFF Surveillance Self-Defense-** ssd.eff.org

- **MyShadow**- myshadow.org