



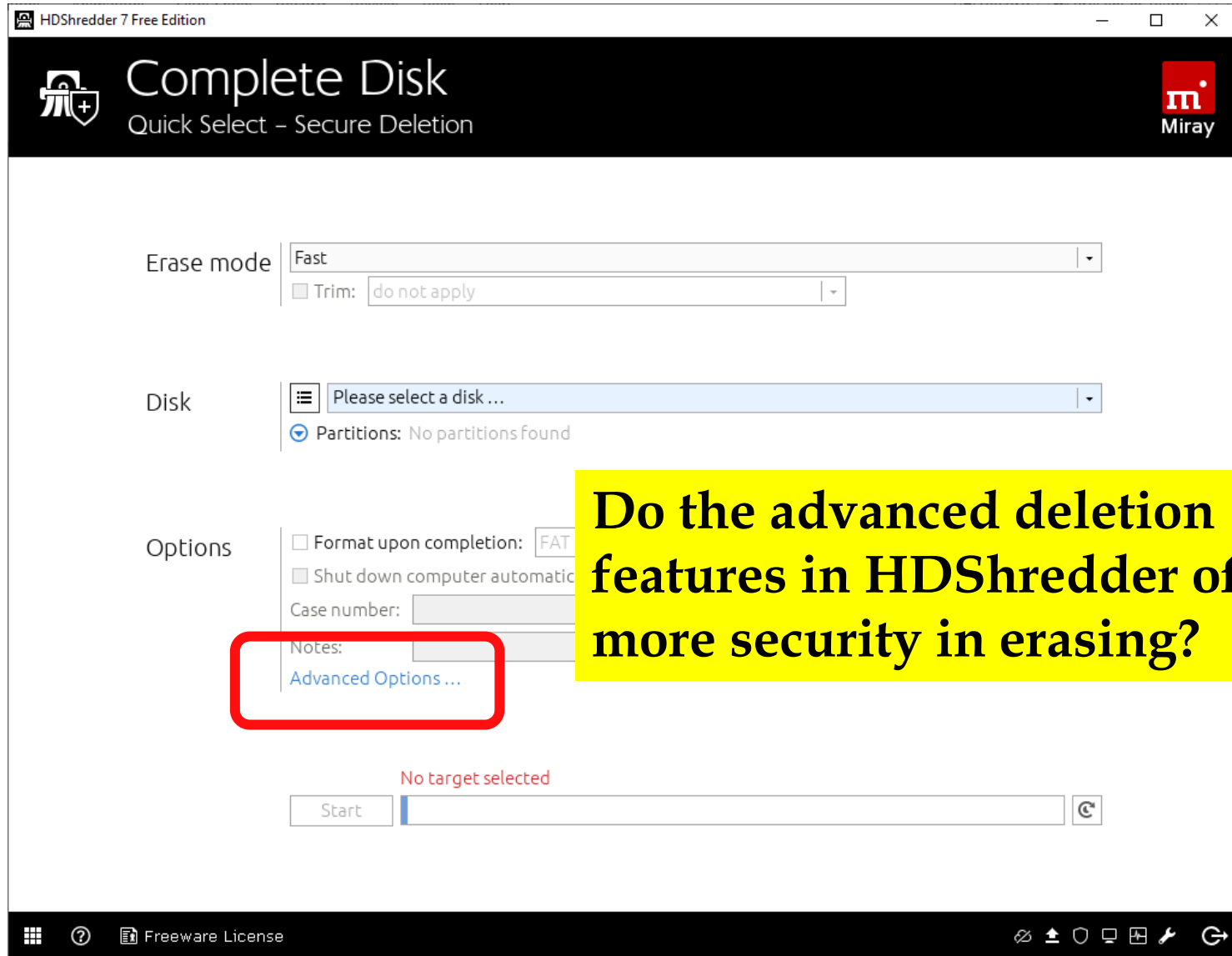
Alan German & Chris Taylor

Ottawa PC Users' Group

August 14, 2024

Follow Up

HDShredder Advanced Options



Do the advanced deletion features in HDShredder offer more security in erasing?

Editions

COMPARISON CHART ➤

HDS shredder's editions build on one another. A higher edition will include the features of every preceding edition.

Free Edition

Securely erasing media, up to 6 GB/min

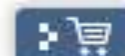
free of charge



Basic Edition

Partitions, random patterns, SmartDefectSkip

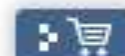
€19.90



Standard Edition

18 security levels, 15 international security standards

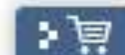
from €39.90



Professional Edition

Deletion report, user defined deletion, area deletion

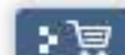
from €99.00



Professional Edition Portable

Portable service version: using HDS shredder on your clients' PCs

from €199.00



Enterprise Edition

parallel mass-deletion with up to 60 GB/min

OPTIONS ➤

The following matrix compares the most important features of the different editions.

FEATURES	FE	BE	SE	PE	EE
DELETION METHODS					
Secure high-speed deletion	■	■	■	■	■
Highly secure deletion	□	■	■	■	■
International deletion standards	□	□	■	■	■
User defined deletion methods	□	□	□	■	■
FEATURES					
Entire drive deletion	■	■	■	■	■
Single partition deletion	□	■	■	■	■
Media > 2 Terabytes	□	■	■	■	■
new: Command line interface (CLI)	□	□	□	■	■
Security levels	1	3	18	217	217
Performance (GB/min, sample values*)	6*				60*
TECHNOLOGIES					
Iterative deletion patterns	■	■	■	■	■
Random deletion patterns	□	■	■	■	■
SmartDefectSkip	□	□	□	■	■
Deletion report	□	□	□	■	■
Sector area deletion	□	□	□	■	■
MultiDelete (4x, 8x, 16x)	□	□	□	□	■

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TRENDS IN INTERNET USE AND ATTITUDES

Findings from a Survey of Canadian Internet Users

March 2024



- CIRA has mission to promote a trusted internet
 - helping Canadians understand how we access and use the internet
 - important part of that effort
- Key findings...*from CIRA's point-of-view*
 - 16 per cent have used a generative AI tool in past year
 - 76 per cent: sharing deepfakes shouldn't be allowed on social media
 - top methods for accessing news online:
 - visiting news/media sites (35 per cent)
 - Google searches about news events (33 per cent)
 - 51 per cent confident in ability to detect fraud/scams online
 - down from 67 per cent in 2023
 - 53 per cent say a website makes businesses look more credible

<https://www.cira.ca/en/resources/documents/state-of-internet/canadas-internet-factbook-2024>

[Share](#)

Some bits I found interesting

- 18% spend more than 9 hours per day online
- Top activities online: email, social media, banking
- 76% satisfied with Internet speed
- 46% have unlimited data
- 35% consider Internet/cell phone access affordable
- 27% cut back dining out so can afford Internet/mobile access
- 22% changed Internet/mobile plan to save money
- more prefer in-person to online shopping
- lots of stats on how people are using generative AI
- 17% excited about development of generative AI
- 30% don't trust generative AI
- 9% liked or shared misleading or untrue content



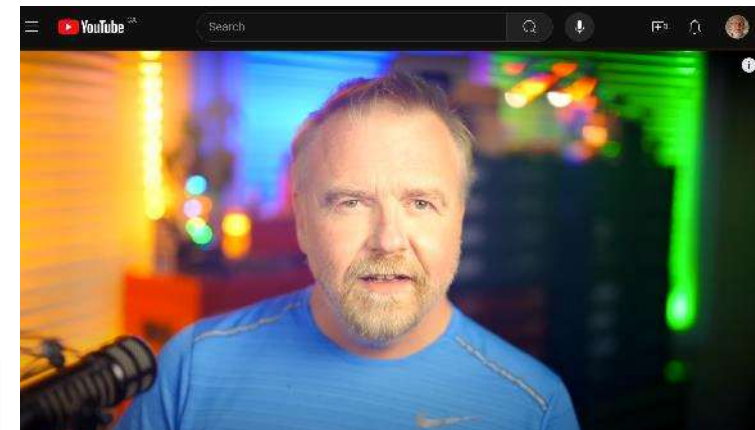
Dave's Garage

Why do computers get slower with age?

YouTubeTech

Top 5 fixes YOU can do

- Dave Plummer
 - former Microsoft operating system programmer
- 5 things anyone can do to speed up their computer
 - unused software bloat
 - software updates
 - startup apps and services
 - bonus tip: storage device problems
 - system cleaning and hygiene
 - bonus tip: proper malware removal
 - system file repair



<https://www.youtube.com/watch?v=Bwh6cVJHKSo>

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TD Bank Authenticate App

- latest “SIM swap scam” had me worried about using SMS as 2FA to log in to my TD bank account (if a thief with access to my TD bank account swapped my SIM card they would get my TD login codes on their phone)
- was unsuccessful at “locking” my cell phone number against **over-the-phone** porting/swapping (this would have required me to be physically present at a Koodo counter to move my phone number to another SIM card).
- found out that TD has a “TD Authenticate App” that will generate one-time-use 6-digit codes to log in to its accounts (download from Google Play or Apple Store)
- download this app to your smartphone or tablet; you must link it to your TD bank account by logging in to your bank account from within the app



(cont'd)

Brigitte

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TD Bank Authenticate App

- while setting up the app, it will give you the option of using a code/password or your fingerprint to generate the codes
- after linking the app to your bank account, log into your TD account as you usually would from any device (including PC); click on the option to use the TD Authenticate app.
- Open the TD Authenticate App on your smartphone or tablet and click on “Generate Verification Code”. Use this code to gain access to your bank account.
- once you have successfully logged in with the app-generated security code, **you must delete your cell phone number** so that it is not presented as an option to a SIM thief trying to log in to your bank account

(cont'd)

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TD Bank Authenticate App

- go back to: *My Profile and Settings > Password and Login Settings* and in *Security Code Phone Number List* click on the green crayon to edit
- find your cell phone number and delete it (garbage can icon)

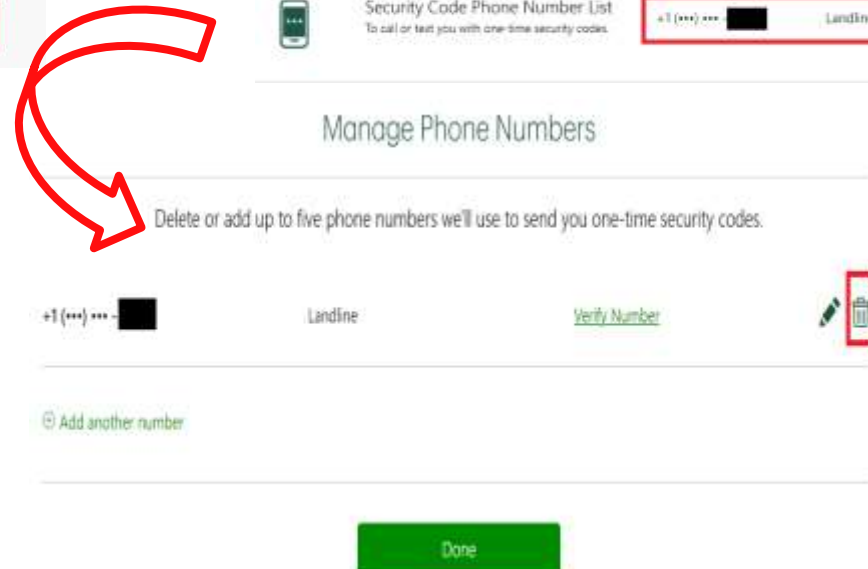
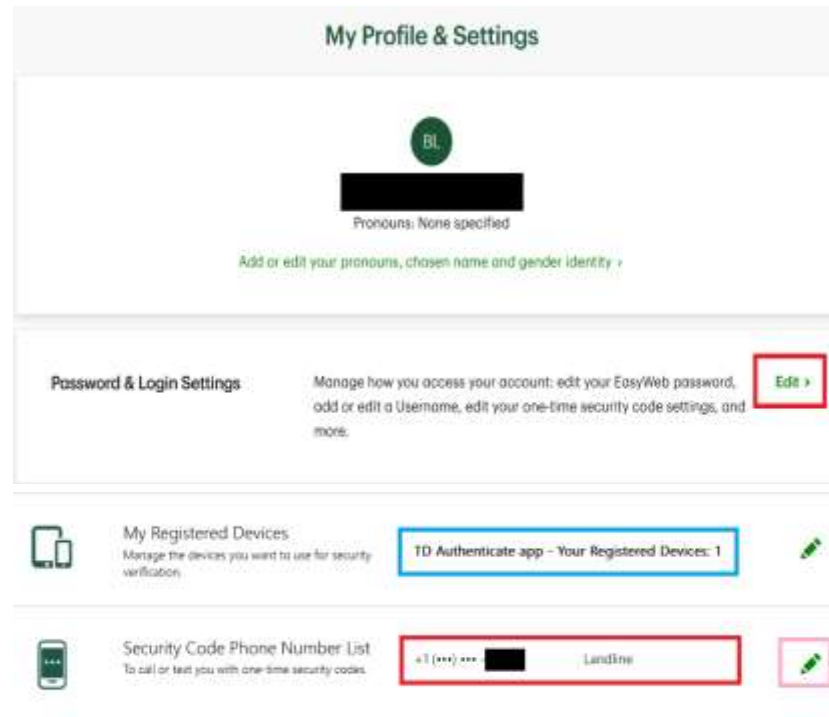
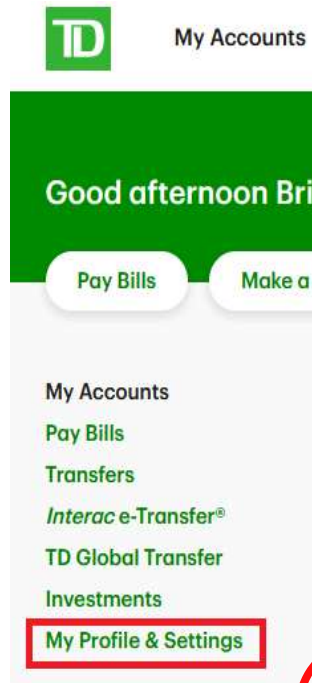
To avoid losing access to your bank account should you lose your smartphone or tablet:

- add a landline number
- if you do not have a landline, install and set up the app on a second device (or more). At the time of this writing, the TD Authenticate App is not available for Apple or Windows laptops/desktops, but should run on a Chromebook.

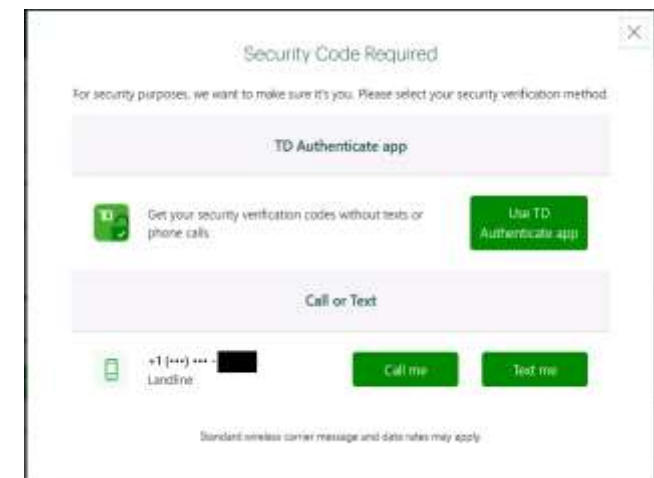
(cont'd)

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TD Bank Authenticate App



Below: dialog box asking me to use the app to generate a security code or for TD to call my landline with a code.



(cont'd)

Share

TD Bank Authenticator App

Term definitions:

SIM swap scam

https://en.wikipedia.org/wiki/SIM_swap_scam

2FA (or MFA)

https://en.wikipedia.org/wiki/Multi-factor_authentication

End

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QR Code Scam in Ottawa

City alerts residents to new QR code scam on parking machines in Ottawa

August 9, 2024

Parking, roads, traffic and transit



The City is alerting residents to a new scam that was recently discovered on parking machines in Ottawa. A sticker with a fake QR code has been attached to various machines which, when scanned with a smartphone, navigates residents to a fraudulent version of the PayByPhone website. Residents are asked not to scan any QR code that has been placed on a Pay & Display machine, as the City does not include this option on the machines.

<https://ottawa.ca/en/city-hall/city-news/newsroom/city-alerts-residents-new-qr-code-scam-parking-machines-ottawa>

Karen Wallace-Graner

- Pay-and-Display (parking) machines
- Stickers with fake QR codes
- Scan loads fake PayByPhone website
- **Ottawa does not use QR codes to pay for parking**

Legitimate paybyphone

Fake QR code



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A QR Code Scam by Snail Mail

≡ PCWorld

Home / News / Security News

NEWS

Beware of this new phishing scam that could arrive in your mailbox

Phishing scams don't just happen on the internet anymore.



By Laura Pippig

Staff Writer, PC-WELT

AUG 6, 2024 9:28 AM PDT

<https://www.pcworld.com/article/2419859/police-warn-of-deceptively-genuine-phishing-by-post-how-the-scam-works.html>

- Lower Saxony, Germany
- Fake letter supposedly from a user's bank
- Official logos, personalized information
- “...an important matter relating to your account...”
- Scan QR code for a solution
- Loads fake (realistic!) banking website
- Enter your login credentials!



<https://opcug.ca/fraud-watch/>

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Google to break (some of) your Chrome extensions



- Google has changed things in *Manifest V3*
 - *Manifest V2* being phased out by early 2025
- What???
- *Manifest*: a configuration file for browser extensions
- Defines – among other things:
 - permissions extension requires, such as access to certain web pages or browser features
 - JavaScript or CSS files injected into web pages to modify their content or behavior
- *Manifest V3* has stricter limits on permissions
 - in order to enhance security and privacy

<https://web-highlights.com/blog/why-are-chrome-extensions-no-longer-supported/>
<https://techissuestoday.com/chrome-extensions-no-longer-supported-warning-explained/>
<https://www.youtube.com/watch?v=UDeWmOL19sI> – fairly technical

Share

Manifest V3: good or bad?

- Google says changes:
 - reduce potential for malicious extensions to exploit user data
 - improve overall browser security
- Trade-off between:
 - enhancing security/privacy, and
 - maintaining flexibility/functionality of browser extensions

Share

Manifest V3: good or bad?

- Mixed reactions from developer community and users
 - especially impacted: **ad blockers** and security extensions
- Google is an advertising company
 - 77.4% of Google's revenues from ads in 2023

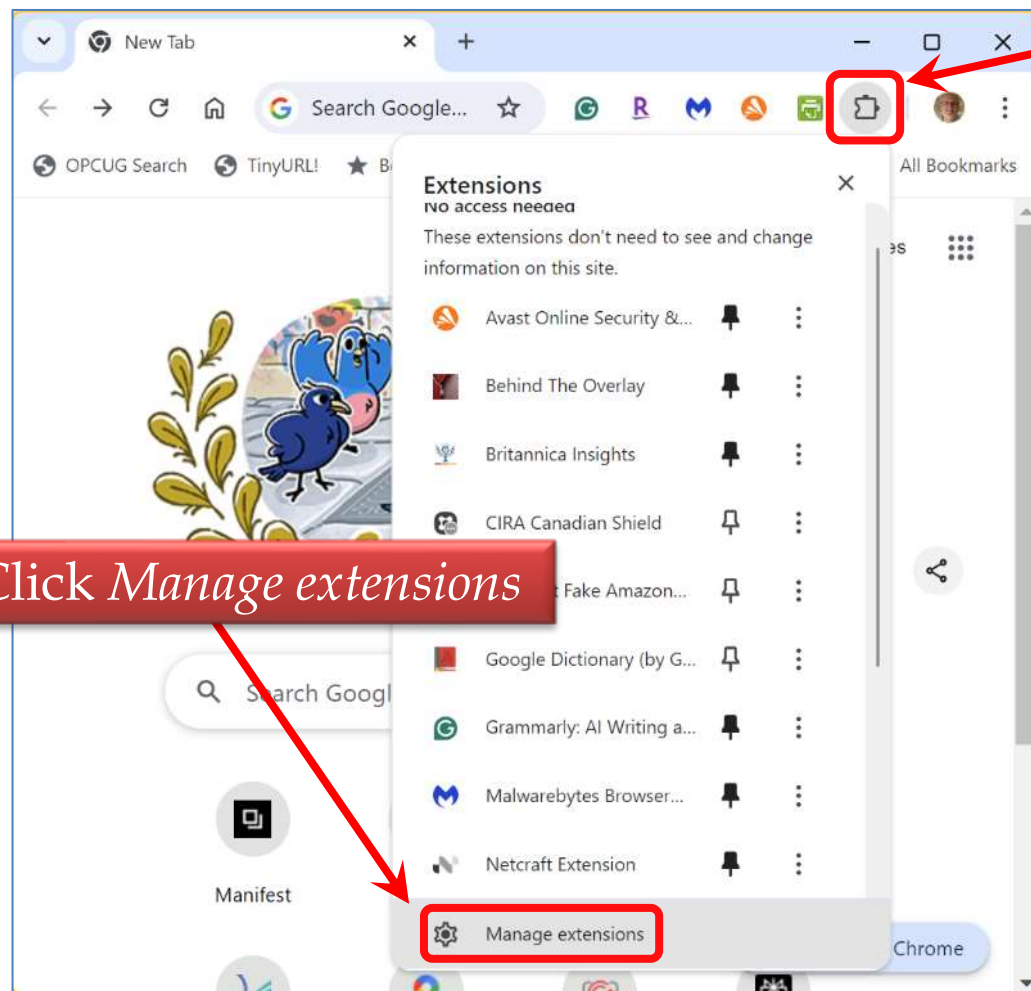
Did limiting ad blockers influence Google's move to Manifest V3?



...my contribution to a conspiracy theory

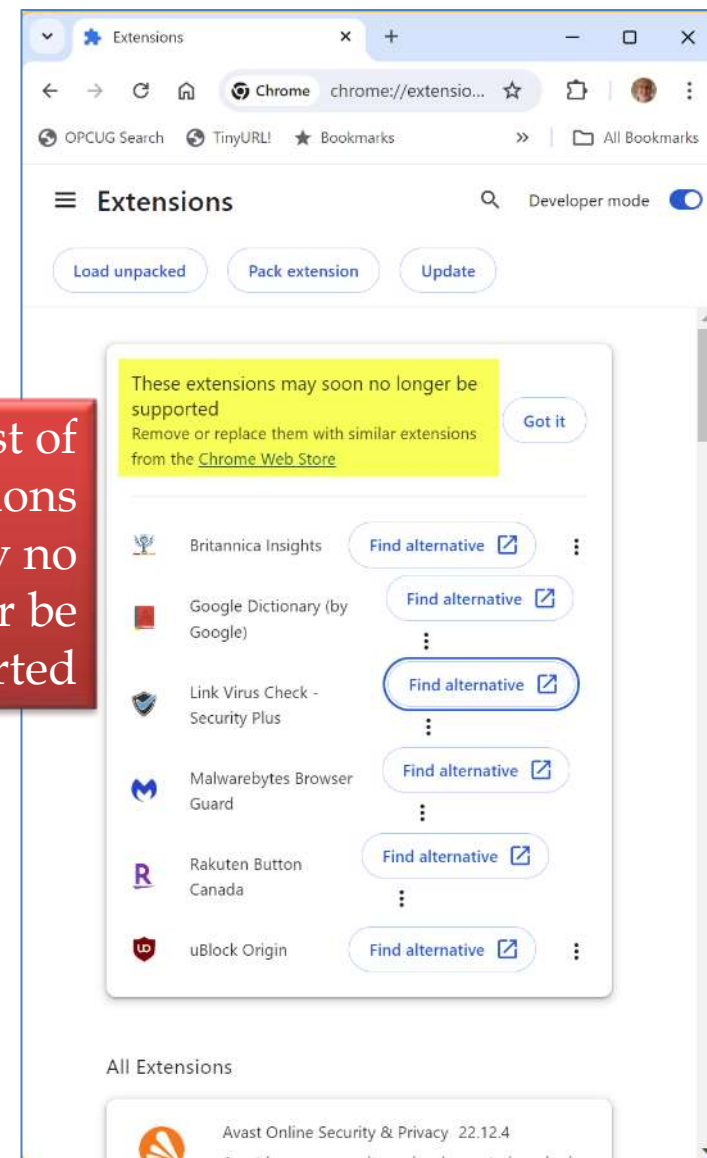
Share

Will you be affected?



Click *Extensions* icon

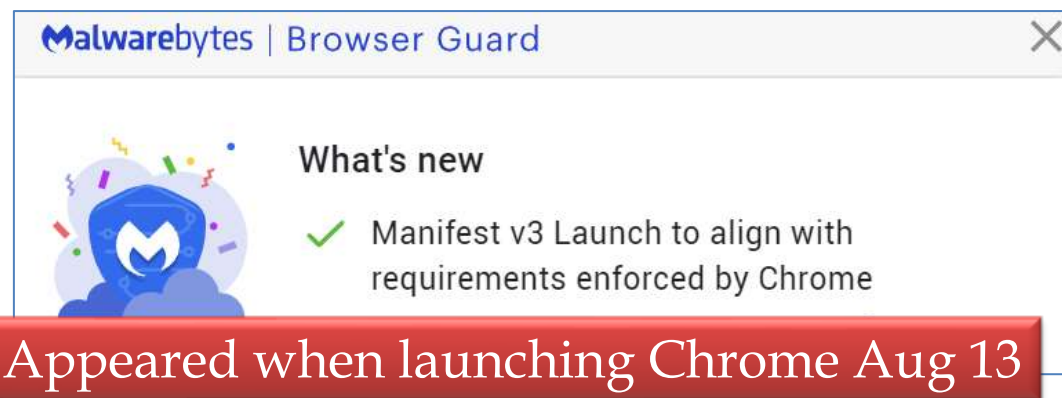
List of
extensions
that may no
longer be
supported



Share

What to do?

- Switch to an alternative providing same functionality using *Manifest V3*
 - good luck with that
 - Check with the developer of the extension to see if they will have a version using *Manifest V3*
 - Give up the extension
 - Change browser
-
- But don't rush
 - should be fine until 2025



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What about other Chromium-based browsers?

- Many browsers are based on the Chromium engine, including Edge, Brave, Vivaldi, Opera, etc.
- Will they be affected by this change?
- Probably...
 - I saw nothing in the browsers themselves indicating some extensions would soon no longer be supported
 - but being based on the Chromium engine, likely they will fall in line
- What about Firefox
 - Firefox uses a different rendering engine
 - less likely to be affected (a guess)

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www.JigsawPlanet.com



Disclaimer- WARNING!!!
Highly addictive and time
consuming!!!!

Home Page for Jigsaw Planet

[Home](#) [My Puzzles](#) [Saved Games](#) [Explore](#) [Create](#)

Last Activities

No new activities. ?

Suggested Puzzles

 Des... 24 

 Des... 28 

 Re... 81 

 96 

 120 

[View More](#) >

Featured Puzzles

 Baita Segantini... 228 

 Flo... 24 

 28 

 Bel... 96 

 35 

 280 

 300 

 108 

 Ma... 99 

 Mill 252 

 12 

 pony 12 



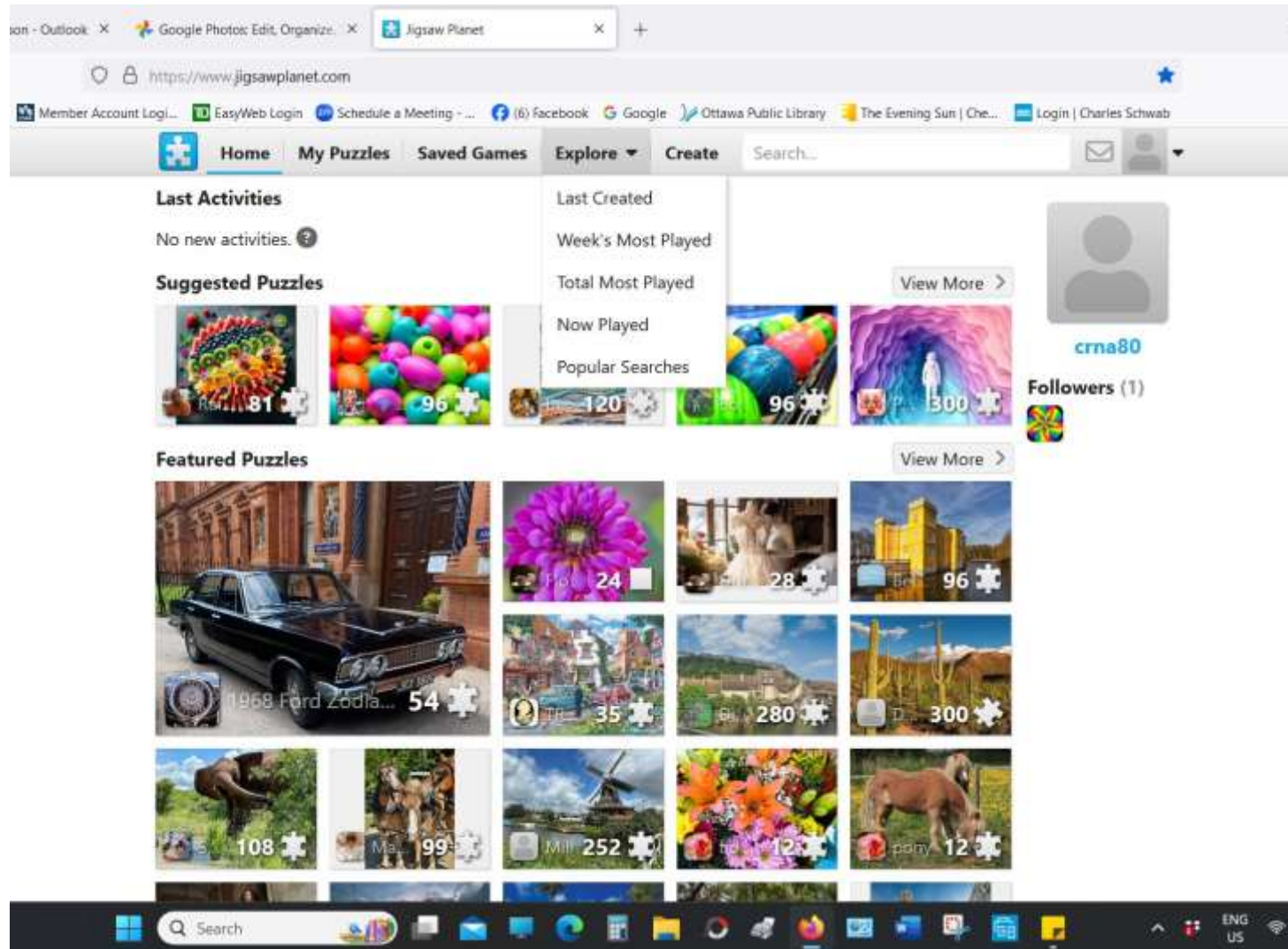
crna80

Followers (1)



[View More](#) >

Drop down The Explore button, multiple topics



Explore shows you this

ount Logi...  EasyWeb Login  Schedule a Meeting - ...  (6) Facebook  Google  Ottawa Public Library

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Popular Searches

A abstract
animals
anime
art
B beach
bikini
C cake
cars
cartoon
castle
cat
christmas
city

collage
color
colorful
cottage
D dessert
disney
dogs
dragon
F fall
fantasy
farm
flowers
folk

food
G garden
girls
H halloween
horse
house
I interior
L landscape
M mandala
mountains
N nude
O olympics
P painting

paris
patchwork
piece
R rainbow
S sexy
simpsons
summer
sunset
T train
truck
V village
vintage
W women

I chose Desserts

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Search Results

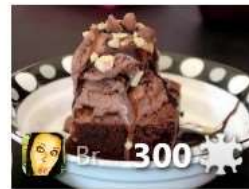
Rotation ▼

Piece number ▼



74277 results for **dessert** ✕

Words to specify: [+cake](#) [+sweet](#) [+food](#) [+delicious](#) [+yummy](#) [+chocolate](#) [+sweets](#) [+snack](#) [+treat](#) [+cream](#)



Other choices

Rotation, # pieces

Home My Puzzles Saved Games Explore Create dessert

Search Results

Rotation Piece number

7
V

ack +treat +cream

132 300 300 80 120

Rotation possible
Rotation not possible

289 132 300

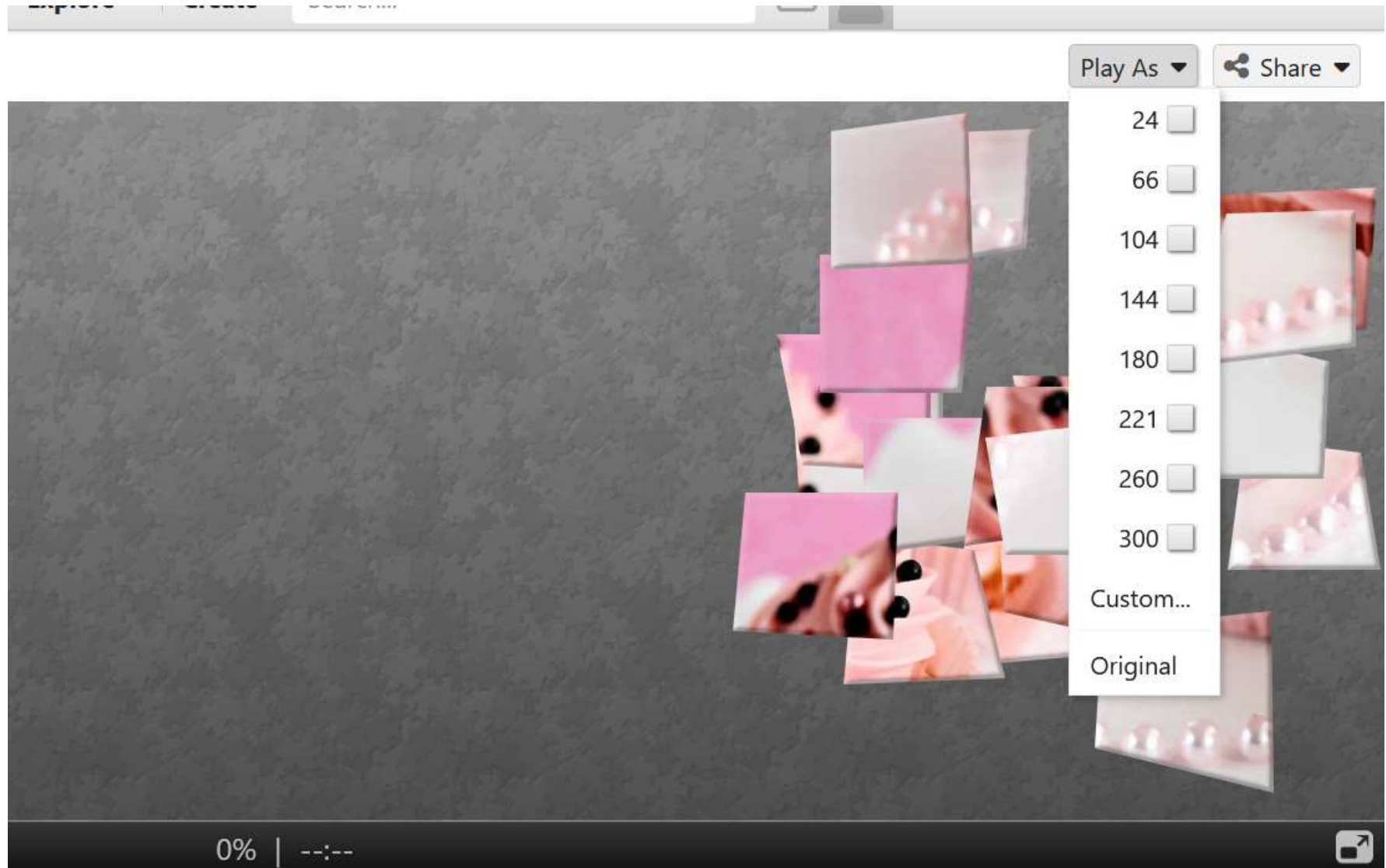
lets +snack +treat +cre

80 120

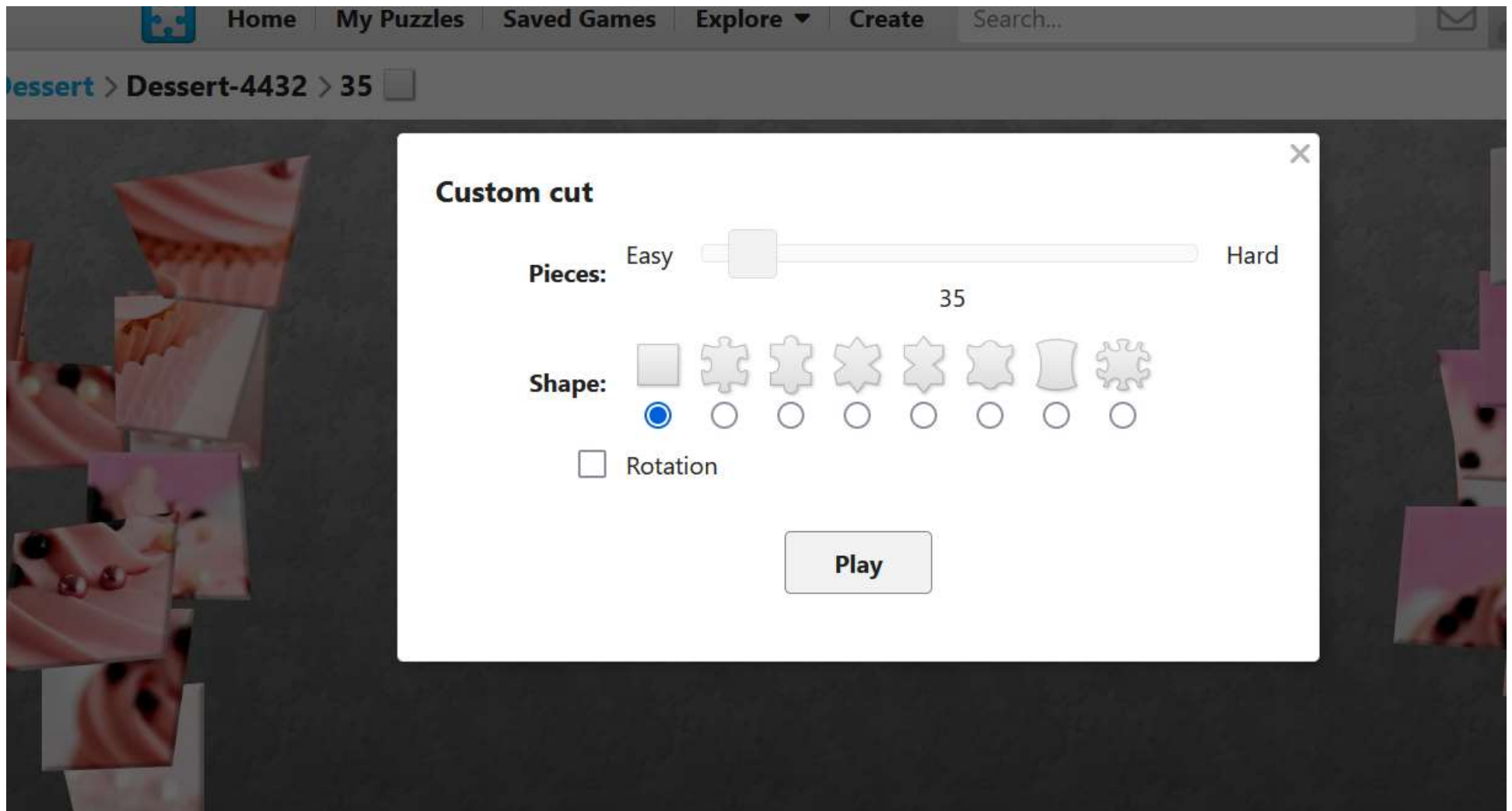
132 300

120

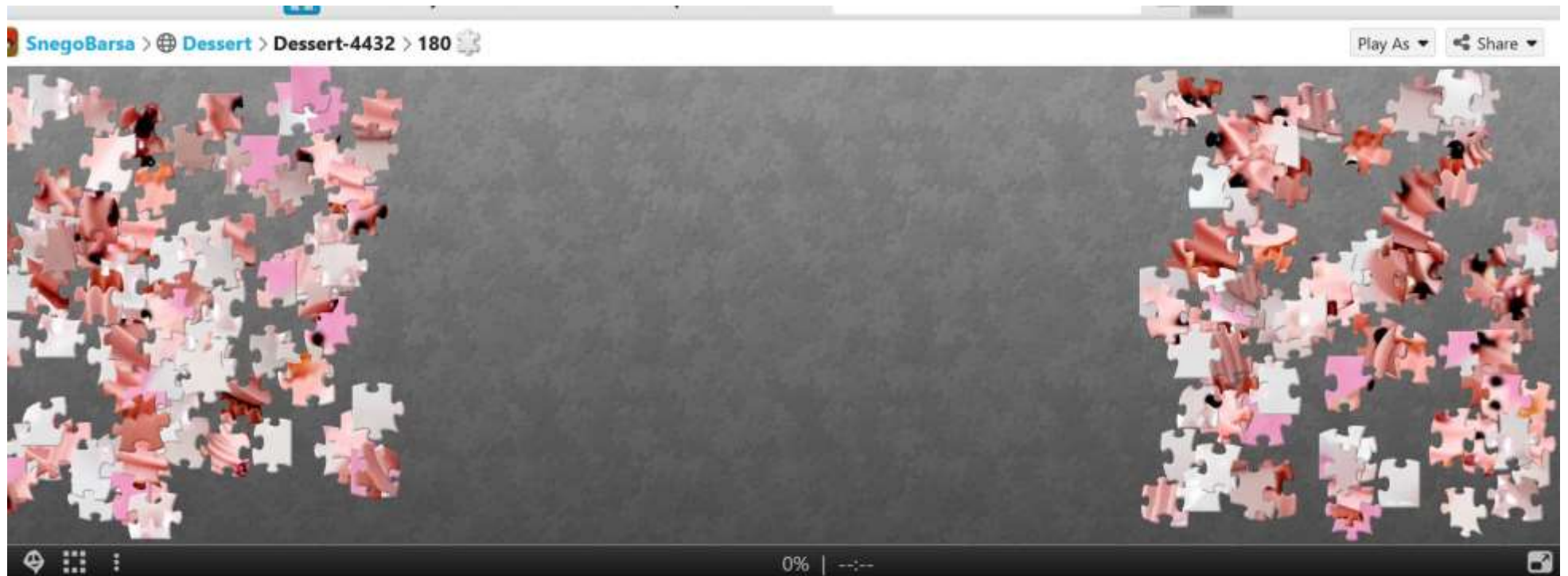
Cupcake Puzzle selected



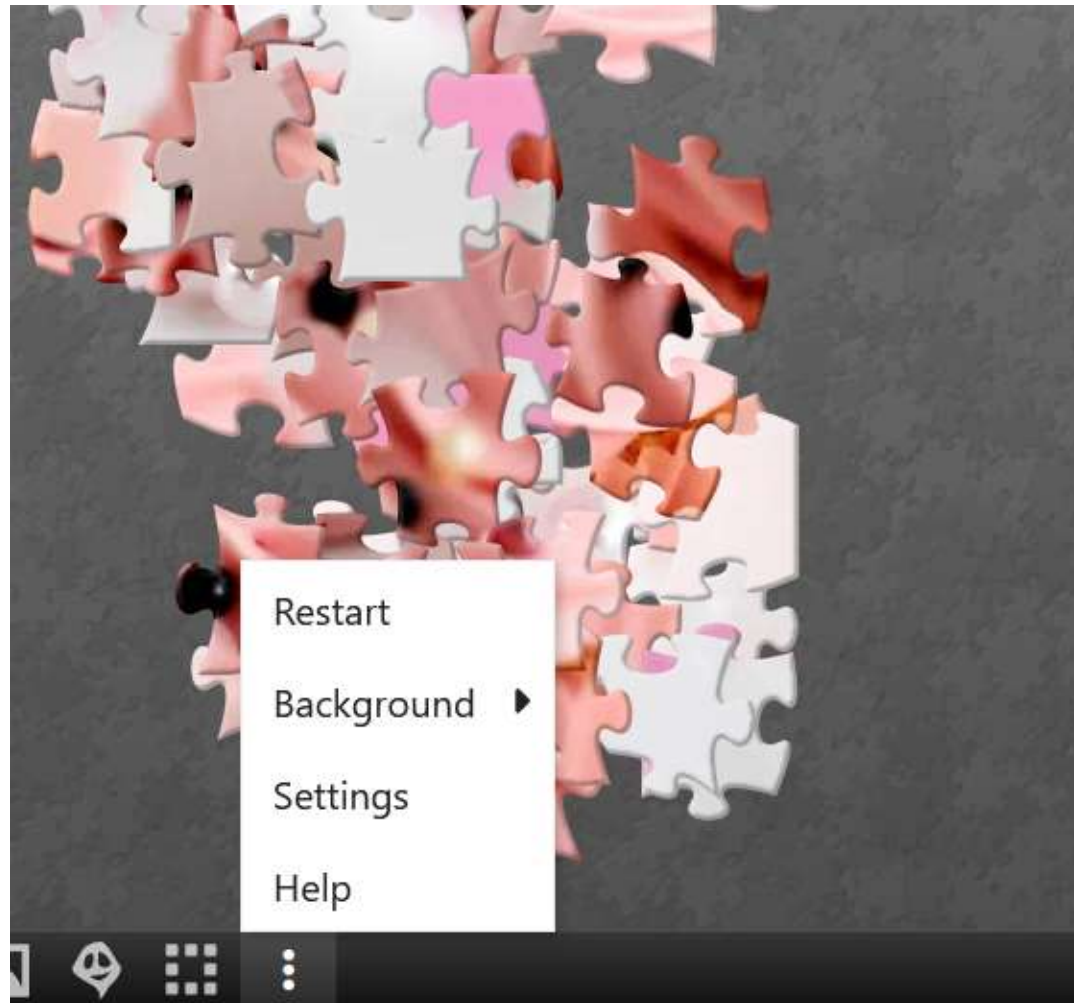
This is the custom menu.
You can choose piece numbers, shape,
rotation or not.



Puzzle start



3 dot menu, lower right hand corner

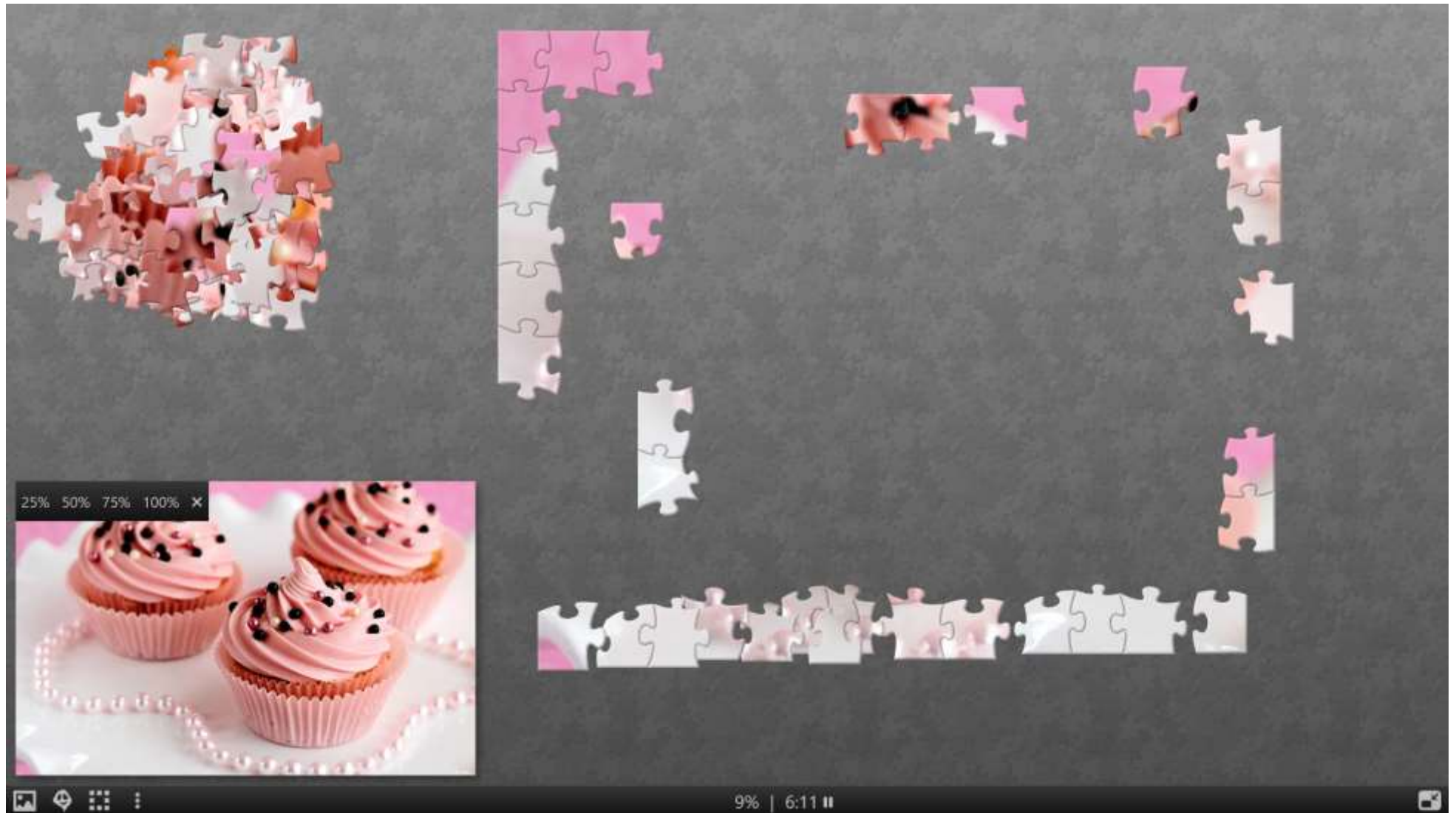


Background Menu





My Format



Unlimited searches, topics

Search Results

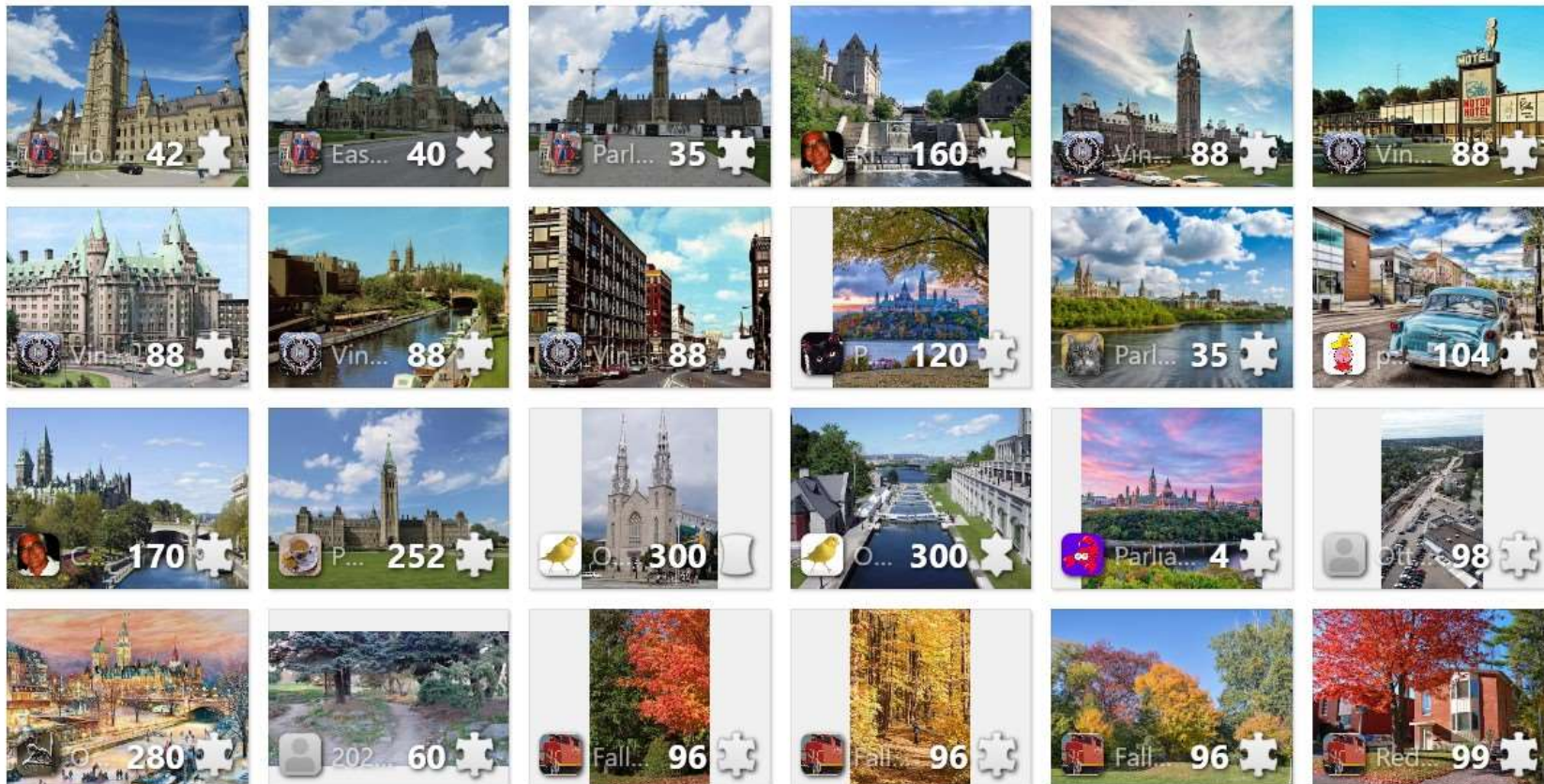
Rotation ▼

Piece number ▼

ottawa ontario



64 results for **ottawa** ✕ **ontario** ✕ Words to specify: [+rideau](#) [+parliament](#) [+canada](#) [+canal](#)



1

2

3

Next >

Create a puzzle

Mail - Carol Pearson - Outlook · Google Photos: Edit, Organize · Search Results · Snipping tool - Google Search · +

https://www.jigsawplanet.com/fr=search&q=ottawa ontario

Mail - Carol Pearson - ... Member Account Logi... EasyWeb Login Schedule a Meeting - ... (6) Facebook Google Ottawa Public Library The Evening Sun | Che... Login | Charles Schwab >> Other Bookmarks

Home My Puzzles Saved Games Explore Create ottawa ontario

Search Results

Rotation Piece number

ottawa ontario

64 results for **ottawa** × **ontario** Words to specify: +rideau +parliament +canada +canal

 42	 40	 35	 160	 88	 88
 88	 88	 88	 120	 35	 104
 170	 252	 300	 300	 4	 98
 280	 60	 96	 96	 96	 99

1 2 3 Next >

Advertisement X

ENG US 7:46 PM 2024-08-09





Loonie Links

Coding With Lewis



- He loves coding
- He's self-taught
- He saved \$17.63 with a Python program!

<https://www.youtube.com/@CodingWithLewis>

Tom Trottier



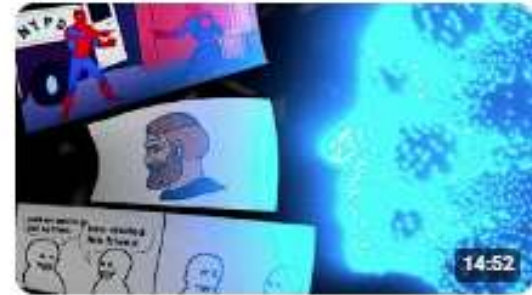
My Bank Wanted \$17.63 so I Used Python Instead.

248K views • 11 days ago



35 Things Every Programmer Should Know

80K views • 2 months ago



I Trained an AI with 10,000 Memes

275K views • 3 months ago



These Apps Cost \$140. So I Rebuilt them for FREE.

150K views • 4 months ago



40 APIs Every Developer Should Use (in 12 minutes)

341K views • 5 months ago



I Created a Fake Twitter with AI Users

28K views • 5 months ago



I Built a Livestream where AI's Chat 24/7

23K views • 8 months ago



I Gave My Terrible Trading Bot \$10,000 to Trade Stocks

468K views • 8 months ago



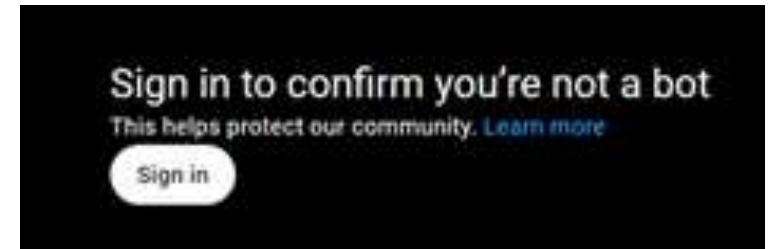
How Instagram Grew to 14,000,000 Users With 3 Devs

154K views • 10 months ago



Is YouTube forcing sign in?

- Is YouTube now forcing people to sign in to use their service?
- Previously, I've always used YouTube without signing in
- Now, I get this confirm-you're-not-a-bot message on both my HP laptop and iPhone
- Re-starting my devices or using incognito didn't make a difference
- I turned my VPN off for both devices and I was able to watch with no problems



- Then I got the message:

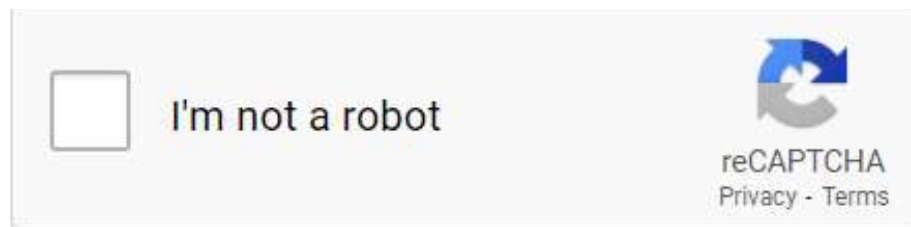
Our systems have detected unusual traffic from your computer network. This page checks to see if it's really you sending the requests, and not a robot. [Why did this happen?](#)

IP address: 99.79.189.168

Time: 2024-08-12T20:36:22Z

URL: [https://www.youtube.com/watch?](https://www.youtube.com/watch?v=6MxFGAOZ0Vs&pp=ygUYZGl5IG1hbm9yIGhvdXNlIHJb3RsYW5k)

[v=6MxFGAOZ0Vs&pp=ygUYZGl5IG1hbm9yIGhvdXNlIHJb3RsYW5k](https://www.youtube.com/watch?v=6MxFGAOZ0Vs&pp=ygUYZGl5IG1hbm9yIGhvdXNlIHJb3RsYW5k)



- Does that mean someone has hacked into my network? I'm the only one here who is using it.



Suspicious activity flagged

- These checks can pop-up when YouTube thinks it detects “suspicious activity” on its system
- This could be caused by bots or nefarious users
- The source of “unusual traffic” may be your ISP’s domain but not specifically you
- A Whois IP lookup indicates that the owner of 99.79.189.168 is Amazon.com, Inc.
(<https://www.whois.com/whois/99.79.189.168>)
- Disabling the VPN puts you on a different IP address and then not the source of the unusual traffic

Share

What's new in AI?

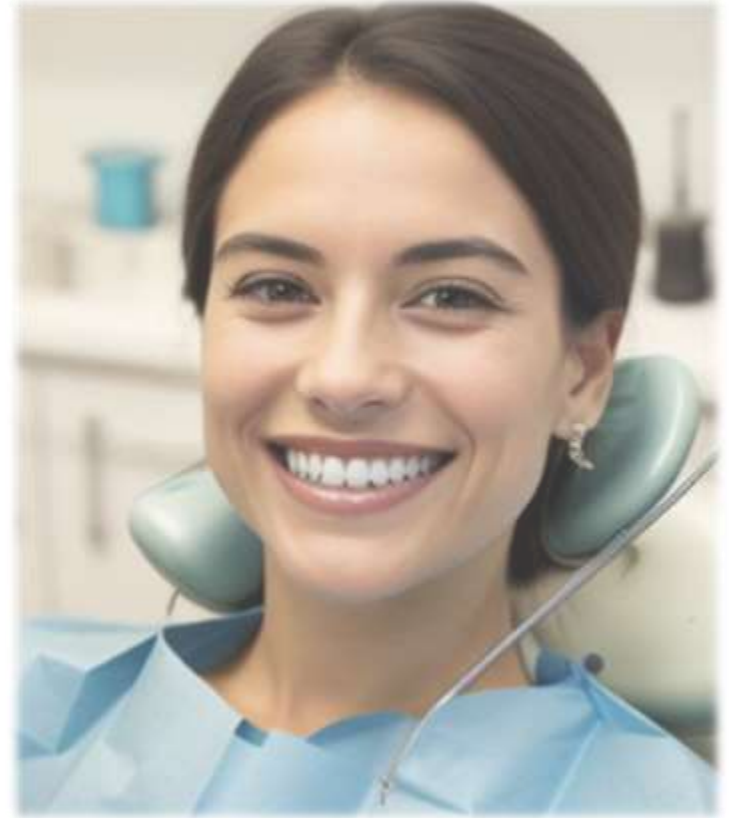


OPCUG



Users helping users
for over 40 years

Are you looking for a Really Good Dentist?



OPCUG



*Users helping users
for over 40 years*

Please Open Wide for your AI-Powered Robot Dentist





Newsweek



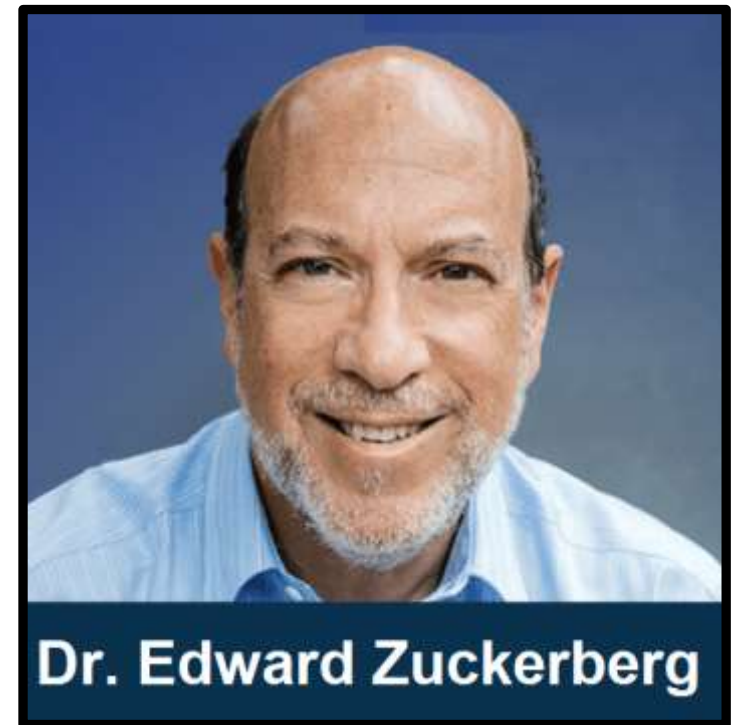
TECH

Robot dentist performs world's first 'fully automated' procedure

Published Aug 6, 2024



A New High-Tech Dental Company, “**Perceptive**”
is now using **AI Robots**, for **Dental Work**



A Boston-based Tech Company,
backed by Mark Zuckerberg's Dentist Father, just
completed the **World's First All-Robotic Dental Procedure**,
marking a significant advancement in medical technology!

The robot, operated by Perceptive, independently performed a process called "cutting," which involves drilling into and shaving down a tooth, demonstrating its capabilities.



Robot AI Dentist
performs the
“cutting
procedure”

This breakthrough uses AI Robots for procedures like crown placements, in as little as **15 minutes...** as compared to the **2 hours** required by a Dentist.



This will allow Dentists to diagnose, and treat more patients, with higher quality of care, in less time

Meet modern dentistry.

We're helping dentists help more patients with revolutionary breakthroughs in advanced imaging, AI, and robotics.

perceptive.io



 Perceptive

Safety is our absolute first priority.



Perceptive

perceptive.io

please understand
there is a waiting list



send me an email, I will get you a
dental appointment next week
bob.herres@opcug.ca





**Any other:
Questions
Comments
Shares?**



Upcoming lecture



- **What:** Lecture on close-up photography
- **Who:** Lynda Buske
- **When:** Monday, **August 26th**, 7:00 pm - 8:00 pm
- **How:** Join via this zoom link

<https://us02web.zoom.us/j/85989857981?pwd=waE1zs29Z1IUelpRIKSr6zBBqNg02W.1>





**Send your questions,
answers, and topics *
you wish to share to:**

SuggestionBox@opcug.ca

** Questions, comments, and shares can be anonymous if requested*