Image Steganography

@mmar

Image Steganography is the process of hiding information which can be text, image or video inside a cover image. The secret information is hidden in a way that it not visible to the human eyes.



Open Stego

Free tool to use for image steganography

Step-1

Download and install the tool from the official website

https://www.openstego.com/



Hiding data

Select message file and cover file to hide data and click on hide

V	OpenStego		- 🗆 X				
File	Help						
	Data hiding	Hide data in harmless looking file	s				
	Hide data	Message file C:\Users\Ammar\Downloads\test.txt Cover file					
		(Select multiple files or provide wildcard (*, *) to embed same message in multiple files) C: \Users \Ammar \Downloads \Screenshot_2.jpg					
Dig	ital watermarking (Beta)	Output stego file					
	1	C:\Users\Ammar\Downloads\Test.png					
	Generate signature	Options					
	Embed watermark	Encryption algorithm	AES128 ~				
Ī	*	Password					
	Verify watermark	Confirm password					
			Hide data				

Revealing data

To see the hidden message, click on extract data, select the image file and click extract

5	OpenStego	_		×	
File	e Help				
Data hiding		Extract hidden data			
	Hide data	Input stego file Output folder for message file			
Dig	gital watermarking (Beta)	Password		Extract o	lata



StegOnline

An online tool for image steganography

Step-1

Open the Website and upload your image

https://stegonline.georgeom.net/upload



Hiding data

Select the option to embed images with data, write your data and select the selection boxes to add randomness

\leftrightarrow \rightarrow G	â stegor	line.georgeom.net/emb	ed					G 🖻 🖒
🛨 Bookmarks	y/ Yahoo!	Live Cricket Scores	Speedtest.net - The	Welcome to Facebo	<u>6</u> G	Google News 💿 YouTube	, seasons 📙 torrent 📙	Movies 📙 I
			/					
			6					
			5					
			4					
			3					
			2					
			1					
			0					
		P R B(I Ty	ixel Order ixek to Home hput Data: hpe: Text • Encrypt me	Bit Order B	lit Pla ₹▼ G	ane Order Pad	Remaining Bits	

Revealing data

To see the hidden message, Upload the image, select extract data, select the same options and your message will be displayed

stegonline.georgeom.net/e	extract					G	
Yahoo! 🔵 Live Cricket Score	s 🔞 Speedtest.net - The	Welcome to Facebo	💼 Google News 🛛	YouTube 📙	seasons 📙 torrent	. Movies	
	Row 🖌	MSB 🛩	R 🕶 G 🕶 E	3 ~	No 🛩		
			Go				
	Results						
	No file types identified.						
	The results below only	/ show the first 2500	bytes. Select "Do	wnload" to ol	otain the full data.		
	Ascii (readable only):						
	Encrypt me.m	mm6.im	m&. I\$.I\$.m\$.1\$.1\$.1 \$.1\$.1\$.	*	
	I\$.I\$.I\$.I\$.I\$.	I \$.I\$.I\$. I\$.I\$.1\$.1\$.1\$.1	Н % т% m	 m m		
	Hex (Accurate):					-	
	b6d24924924924924924	924924924924924924924	924924924924924924	192492492492	49249249249249		
	24924924924924924	924924924924924924	924924904924800	912000000000	000000000000000000000000000000000000000	•	
		Downlo	ad Extracted Data				



