BAT--Colorful Design

Monday, March 10, 2025   11:06 AM

During an art lecture, Wala sent an image to her friend. The lecturer, spotting the distraction, intercepted the network traffic and captured the image. Sensing that something might be hidden within, the lecturer now needs your help. Your task is to decrypt the secret message concealed in the image between Wala and her friend. Can you uncover what's hidden behind this colorful image?

My Colorful English alphabet design:

Here is the provided image, and the colors appear suspicious, particularly after examining it with various tools like **Exif Tool**, **Hex Editor**, **Strings, zsteg, and Aperisolve**. Given this, let's focus on the color aspect. We know that colors can also be represented in hexadecimal format. Therefore, we'll use an online tool to extract the hex values of each color for every letter in the image.

We utilized the online tool at https://colorcodefinder.com to analyze the color codes represented by 3-byte hexadecimal values, such as 2f2999. Upon examination, we observed a pattern where the first three hex digits of each color were unique, while the last three digits remained consistent as 999 for all the letters. This led us to extract and analyze the hex values, which initially resembled a hash after decryption. To investigate further, we removed the recurring 999 values and attempted to decrypt the remaining hex digits.

2f2 f64 726 976 652 e67 6f6 f67 6c6 52e 636 f6d 2f6 472 697 665 2f6 66f 6c6 465 727 32f 317 239 695 95f 505 f45 6f6 b52 534 173 6d6 132 377 932 5f5 575 4f4 542 755 857 653 672 3f7 573 703 d73 686 172 696 e67

hexadecimal

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☁ Storage

41.3 MB of 15 GB used

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▤ number_9.zip 👥	Ⓐ acountus293@gmail.com	Oct 23, 2024 acountus293...	915 bytes	⋮
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