

An image Based Password Generation Tool

Quick description: Using a unique image generated at the time of password creation, a person looks at the image, which is composed of 4 random images, and in observing the image, makes connections between its various parts to form a password.

Example: A person is presented with this randomly generated image:



Observing the parts of the image, I would create a password as follows

Pi (coming from pirates in bottom **left corner**) + Nuts (coming from the balloons which look like nuts **bottom right**) + Ruben (coming from the mushrooms which my friend likes to eat **top left**) + creep (coming from **top right** image which is creepy) =
GIVES us the password: **pinutsrubencreep**

Forgetting a password:

If a person forgets their password, we just resend them the photo - or show them their uniquely generated photo on the login page.

Value:

Watch this youtube video for more info, but it is surprisingly effective to remember things by creating these type of mental/real images and getting a unique meaning from them.

https://www.ted.com/talks/joshua_foer_feats_of_memory_anyone_can_do

Try it yourself to see how easy it is to create and remember a password like "pinutsrubencreeep."

Image generator: <http://writingexercises.co.uk/random-images.php>

Image stitcher: <https://www.photojoiner.net/>