

## **Password Cheat Sheet**

How long does it take for a hacker to "guess" my password?



Short and simple 321	<1second
Short and more complex <b>nG4</b>	<1second
Long and simple Passwort123	<1second
Long and complex  1Ahu8p0i4f	<1year
Long and complex with symbols  1Ahu&p0:4f\$	~ 4 000 years

But how can I remember strong passwords?



Choose a phrase

My red car has 4 brakes!

Choose key letters from it

Mrcah4br!

Swap some capitals and symbols

!mrCahFbr

Add more symbols

!m3r0Cah@Fbr

Or use a secure password manager.

How secure is this kind of password?



!m3r0Cah@Fbr

Required time for a hacker

> 4 000 000 vears

And please, even if you do have a red car, do not use exactly this password!