

## Data Security

# How Long Does It Take to Hack Passwords?

Hackers can crack weak passwords by using programs that run through various possibilities until they hit the right one. The longer your password and the more types of characters it combines, the less likely this method will succeed. See how long it would take a fraudster to figure out your password based on its length and composition.



Number of characters	Numbers only	Lowercase letters	Upper and lowercase letters	Numbers, upper and lowercase letters	Numbers, upper and lowercase letters, symbols
8	Instantly	5 seconds	22 minutes	1 hour	8 hours
9	Instantly	2 minutes	19 hours	3 days	3 weeks
10	Instantly	58 minutes	1 month	7 months	5 years
11	2 seconds	1 day	5 years	41 years	400 years
12	25 seconds	3 weeks	300 years	2k years	34k years
13	4 minutes	1 year	16k years	100k years	2m years

SOURCE: Hive Systems, with data from [www.howsecureismypassword.net](http://www.howsecureismypassword.net)