Password Cheat Sheet

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

<table>
<thead>
<tr>
<th>Password Type</th>
<th>Time Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short and simple 321</td>
<td>&lt; 1 second</td>
</tr>
<tr>
<td>Short and more complex nG4</td>
<td>&lt; 1 second</td>
</tr>
<tr>
<td>Long and simple Passwort123</td>
<td>&lt; 1 second</td>
</tr>
<tr>
<td>Long and complex 1Ahu8p0i4f</td>
<td>&lt; 1 year</td>
</tr>
<tr>
<td>Long and complex with symbols 1Ahu&amp;p0:4f$</td>
<td>~ 4 000 years</td>
</tr>
</tbody>
</table>

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 years

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