Password Strength Analysis Report

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Report Type: Comparative Password Strength Evaluation

Tools Used:

- PasswordMonster.com

- ThePasswordMeter.com

1. Objective

To evaluate the strength of various user passwords using two widely-used online tools, analyzing composition and resistance to brute-force attacks.

2. Methodology

Each password was tested with:

- PasswordMonster: Estimation of password strength and crack time.

- Password Meter: Scoring and detailed breakdown by password components.

3. Summary Table

Password | PasswordMonster Strength | Time to Crack | PasswordMeter Score | Complexity

---------- | ---------- | ----------| ---------- | ----------

R@gh@V$h@rmA | Very Strong | 27 centuries | 100% | Very Strong

Raghav@6784 | Strong | 7 months | 98% | Very Strong

qwerty@12 | Very Weak | 0.69 seconds | 56% | Good

password | Very Weak | 0 seconds | 8% | Very Weak

4. Recommendations

- Use 12+ characters with uppercase, lowercase, numbers, and symbols.

- Avoid dictionary words and personal info.

- Use password managers.

- Regularly test and update passwords.

5. Screenshots

PasswordMonster info@passwordmonster.com

How Secure is Your Password?

Take the Password Test

Tip: Avoid the use of dictionary words or common names, and avoid using any personal information

Show password: ☑

R@gh@\/$h@rmA

Very Strong

13 characters containing: Lower case Upper case Numbers Symbols

Time to crack your password:
27 centuries

Review: Fantastic, using that password makes you as secure as Fort Knox.

The Password Meter

Test Your Password		Minimum Requirements
Password:	R@gh@V$h@rmA	• Minimum 8 characters in length • Contains 3/4 of the following items: - Uppercase Letters - Lowercase Letters - Numbers - Symbols
Hide:	☐	
Score:	100%	
Complexity:	Very Strong	

Additions		Type	Rate	Count	Bonus
✓	Number of Characters	Flat	*+(n*4)*	13	+ 52
✓	Uppercase Letters	Cond/Incr	*+((len-n)*2)*	2	+ 22
✓	Lowercase Letters	Cond/Incr	*+((len-n)*2)*	5	+ 16
✗	Numbers	Cond	*+(n*4)*	0	0
✓	Symbols	Flat	*+(n*6)*	6	+ 36
✓	Middle Numbers or Symbols	Flat	*+(n*2)*	6	+ 12
✓	Requirements	Flat	*+(n*2)*	4	+ 8
Deductions					
✓	Letters Only	Flat	*-n*	0	0
✓	Numbers Only	Flat	*-n*	0	0
!	Repeat Characters (Case Insensitive)	Comp	-	5	- 1

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How Secure is Your Password?

Take the Password Test

Tip: Avoid the use of dictionary words or common names, and avoid using any personal information

Show password: ☑

Raghav@6784

Strong

11 characters containing: Lower case Upper case Numbers Symbols

Time to crack your password:
7 months

Review: Good, using that password is like locking your front door and keeping the key in a safety deposit box.

The Password Meter

Test Your Password		Minimum Requirements
Password:	Raghav@6784	• Minimum 8 characters in length • Contains 3/4 of the following items: - Uppercase Letters - Lowercase Letters - Numbers - Symbols
Hide:	☐	
Score:	98%	
Complexity:	Very Strong	

Additions		Type	Rate	Count	Bonus
	Number of Characters	Flat	*+(n*4)*	11	+ 44
	Uppercase Letters	Cond/Incr	*+((len-n)*2)*	1	+ 20
	Lowercase Letters	Cond/Incr	*+((len-n)*2)*	5	+ 12
	Numbers	Cond	*+(n*4)*	4	+ 16
	Symbols	Flat	*+(n*6)*	1	+ 6
	Middle Numbers or Symbols	Flat	*+(n*2)*	4	+ 8
	Requirements	Flat	*+(n*2)*	5	+ 10
Deductions					
	Letters Only	Flat	*-n*	0	0
	Numbers Only	Flat	*-n*	0	0
	Repeat Characters (Case Insensitive)	Comp	-	2	- 1

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How Secure is Your Password?

Take the Password Test

Tip: Avoid the use of dictionary words or common names, and avoid using any personal information

Show password: 

qwerty@12

Very Weak

9 characters containing: Lower case Upper case Numbers Symbols

Time to crack your password:
0.69 seconds

Review: Oh dear, using that password is like leaving your front door wide open. Your password is very weak because it contains a common password and 2 dictionary words.

The Password Meter

Test Your Password		Minimum Requirements
Password:	qwerty@12	• Minimum 8 characters in length • Contains 3/4 of the following items: - Uppercase Letters - Lowercase Letters - Numbers - Symbols
Hide:	☐	
Score:	56%	
Complexity:	Good	

Additions		Type	Rate	Count	Bonus
✓	Number of Characters	Flat	*+(n*4)*	9	+ 36
✗	Uppercase Letters	Cond/Incr	*+((len-n)*2)*	0	0
✓	Lowercase Letters	Cond/Incr	*+((len-n)*2)*	6	+ 6
✓	Numbers	Cond	*+(n*4)*	2	+ 8
✓	Symbols	Flat	*+(n*6)*	1	+ 6
✓	Middle Numbers or Symbols	Flat	*+(n*2)*	2	+ 4
✓	Requirements	Flat	*+(n*2)*	4	+ 8
Deductions					
✓	Letters Only	Flat	*-n*	0	0
✓	Numbers Only	Flat	*-n*	0	0
✓	Repeat Characters (Case Insensitive)	Comp	-	0	0

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How Secure is Your Password?

Take the Password Test

Tip: Avoid the use of dictionary words or common names, and avoid using any personal information

Show password: ☑

password

Very Weak

8 characters containing: Lower case Upper case Numbers Symbols

Time to crack your password:
0 seconds

Review: Oh dear, using that password is like leaving your front door wide open. Your password is very weak because it is a common password.

The Password Meter

Test Your Password		Minimum Requirements
Password:	password	• Minimum 8 characters in length • Contains 3/4 of the following items: - Uppercase Letters - Lowercase Letters - Numbers - Symbols
Hide:	☐	
Score:	8%	
Complexity:	Very Weak	

Additions	Type	Rate	Count	Bonus
Number of Characters	Flat	*+(n*4)*	8	+ 32
Uppercase Letters	Cond/Incr	*+((len-n)*2)*	0	0
Lowercase Letters	Cond/Incr	*+((len-n)*2)*	8	0
Numbers	Cond	*+(n*4)*	0	0
Symbols	Flat	*+(n*6)*	0	0
Middle Numbers or Symbols	Flat	*+(n*2)*	0	0
Requirements	Flat	*+(n*2)*	2	0
Deductions				
Letters Only	Flat	*-n*	8	- 8
Numbers Only	Flat	*-n*	0	0
Repeat Characters (Case Insensitive)	Comp	-	2	- 2