

# Password validation with regex

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```
class User < ApplicationRecord
  validate :password_valid?

  def password_valid?
    return if password_digest.match(/\A(?=.{8,})(?=.*\d)(?=.*[a-z])(?=.*[A-Z])(?=.*[!@#$%^&*~`|;:~\.,_-])+/x)
    errors.add :password, ': must have 8 characters, 1 Uppercase, 1 Lowercase, 1 Number, 1 Special Character'
  end
end
```

(?=.\*{8,}) at least 8 char longs (?=.\d) *one number* (?=.[a-z]) *one lowercase* (?=.[A-Z]) *one uppercase* (?=.[!@#\$%^&\*~`|;:~\.,\_-]) *one special char*