

Indian rupee amount

Rupee amount with **₹** symbol or Rs. prefix.

```
^(₹|Rs\.?\s?|INR\s?)?\d{1,3}(\,\d{2,3})*(\.\d{1,2})?$/
```

Token-by-token breakdown

Token	Meaning
^	start of string (or line in multiline mode)
(	start of a capturing group
₹	literal text "₹"
	OR — try the alternative
Rs	literal text "Rs"
\.?	optional (zero or one): literal "."
\s?	optional (zero or one): whitespace
	OR — try the alternative
INR	literal text "INR"
\s?	optional (zero or one): whitespace
)?	end of group, optional (zero or one)
\d{1,3}	between 1 and 3 times: digit (0–9)
(	start of a capturing group
,	literal text ","
\d{2,3}	between 2 and 3 times: digit (0–9)
)*	end of group, zero or more
(	start of a capturing group
\.	literal "."
\d{1,2}	between 1 and 2 times: digit (0–9)
)?	end of group, optional (zero or one)
\$	end of string (or line in multiline mode)

Quick usage in 7 languages

JavaScript	<pre>const re = /^(₹ Rs\.?\s? INR\s?)?\d{1,3}(\,\d{2,3})*(\.\d{1,2})?\$/; re.test(value);</pre>
Python	<pre>import re re.match(r"^(₹ Rs\.?\s? INR\s?)?\d{1,3}(\,\d{2,3})*(\.\d{1,2})?\$", value)</pre>
Java	<pre>Pattern.compile("^(₹ Rs\\.\\.?\s? INR\s?)?\d{1,3}(\,\d{2,3})*(\.\d{1,2})?\$").matcher(value).matches();</pre>
C# / .NET	<pre>Regex.IsMatch(value, @"^(₹ Rs\.?\s? INR\s?)?\d{1,3}(\,\d{2,3})*(\.\d{1,2})?\$");</pre>

Go	<code>regexp.MustCompile(`^(₹ Rs\.\s? INR\s)?\d{1,3}(\,\d{2,3})*(\.\d{1,2})?`).MatchString(value)</code>
Ruby	<code>/^(₹ Rs\.\s? INR\s)?\d{1,3}(\,\d{2,3})*(\.\d{1,2})?\$/ .match?(value)</code>
PHP	<code>preg_match('~^(₹ Rs\.\s? INR\s)?\d{1,3}(\,\d{2,3})*(\.\d{1,2})?\$', \$value);</code>

Common pitfalls

- **Anchored to the whole string.** This pattern uses ^ and \$, so it requires the entire input to match. To find it inside a longer text, drop the anchors and use the global (g) flag.
- **Escape it correctly per language.** In Java and JavaScript strings each backslash must be doubled (\\d); in Python, Go, and C# use raw/verbatim strings so the backslashes survive.
- **Validate beyond format.** Matching the format doesn't guarantee the value is real. Confirm the indian rupee amount against a source of truth (database, API, or checksum) where it matters.