REGEX CHEAT SHEET

regexguide.com/patterns/us-phone.html

US phone number

North American phone in any common format.

```
^\+?1?[-.\s]?\(?\d{3}\)?[-.\s]?\d{3}[-.\s]?\d{4}$
```

Token-by-token breakdown

Token	Meaning
`^`	start of string (or line in multiline mode)
`\+?`	optional (zero or one): literal “+”
`1?`	optional (zero or one): the literal “1”
`[-.\s]?`	optional (zero or one): any of: “-”, “.”, whitespace
`\(?`	optional (zero or one): literal “(”
`\d{3}`	exactly 3 times: digit (0–9)
`\)?`	optional (zero or one): literal “)”
`[-.\s]?`	optional (zero or one): any of: “-”, “.”, whitespace
`\d{3}`	exactly 3 times: digit (0–9)
`[-.\s]?`	optional (zero or one): any of: “-”, “.”, whitespace
`\d{4}`	exactly 4 times: digit (0–9)
`$`	end of string (or line in multiline mode)

Quick usage in 7 languages

JavaScript

```
const re = /^\+?1?[-.\s]?\(?\d{3}\)?[-.\s]?\d{3}[-.\s]?\d{4}$/;
re.test(value);
```

Python

```
import re
re.match(r"^\+?1?[-.\s]?\(?\d{3}\)?[-.\s]?\d{3}[-.\s]?\d{4}$", value)
```

Java

```
Pattern.compile("^\\+?1?[-.\\s]?\\(?\\d{3}\\)?[-.\\s]?\\d{3}[-.\\s]?\\d{4}$").matcher(value).matches();
```

C# / .NET

```
Regex.IsMatch(value, @"^\+?1?[-.\s]?\(?\d{3}\)?[-.\s]?\d{3}[-.\s]?\d{4}$");
```

Go

```
regexp.MustCompile(`^\+?1?[-.\s]?\(?\d{3}\)?[-.\s]?\d{3}[-.\s]?\d{4}$`).MatchString(value)
```

Ruby

```
/^\+?1?[-.\s]?\(?\d{3}\)?[-.\s]?\d{3}[-.\s]?\d{4}$/.match?(value)
```

PHP

```
preg_match('~^\+?1?[-.\s]?\(?\d{3}\)?[-.\s]?\d{3}[-.\s]?\d{4}$~', $value);
```

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 us phone number against a source of truth (database, API, or checksum) where it matters.