

Useful Regex Patterns



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Date in format dd/mm/yyyy

```
/^(0?[1-9]|[12][0-9]|3[01])([ \-])(0?[1-9]|1[012])\2([0-9][0-9][0-9][0-9])(([ -])([0-1]?[0-9]|2[0-3]):[0-5]?[0-9]:([0-9]?[0-9])?)?)$
```

Test string

HTML tags

```
/^<([a-z1-6]+)([^\<]+)*(?:>(.*)<\1>| *V>)$/
```

Test string

URL Slug

```
/^[a-z0-9-]+$
```

Test string

URL

```
/^((https?|ftp|file):\\)?([da-z\.-]+)\.([a-z\.]{2,6})([\\w \.-]*)*V?$
```

Test string

Positive Integer

```
/^\d+$/
```

Test string

Positive number

`/^\d*\.\d+$`

Test string

Phone number

`/^\+?(0\d*){3,}$`

Test string

ID of Youtube Channel

`/https?:\V(www\.)?youtube.com\channel\UC([-_a-z0-9]{22})/i`

Test string

U.S./Canadian ZIP/Postal Code

`/((^\d{5}(-\d{4})?$)|(^[ABCEGHJKLMNPRSTVXY]{1}\d{1}[A-Z]{1} *\d{1}[A-Z]{1}\d{1}$))/`

Test string

Image shortcode

`^[img\](.*?)\[Vimg\]/`

Test string

Time in 24-hour format

`/^([01]?[0-9]|2[0-3]):[0-5][0-9]$/`

Test string

Username

`/^[a-zA-Z0-9_-]{3,16}$/`

Test string

Email

`/^.+@.+$`

mayank265@iitp.ac.in

Output:

mayank265@iitp.ac.in

IPv4 Address

`/^(?:25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.){3}(?:25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)$/`

Test string

Negative Integer

`/^-\\d+$/`

Test string

Negative number

`/^-\\d*\\.?\\d+$/`

Test string

New line

`/[\r\n]$/`

Test string

CSS comment

`/\^[^]*\^[^\n]*+([\^\n]*[\^\n]*+)*\n/`

Test string

Brazilian ZIP/Postal Code

`/^[0-9]{5}-[0-9]{3}$/`

Test string

Brainfuck Code

`/^[+-<>.,\[\] \t\n\r]+$`

Test string

Date and time in ISO-8601 format

`/^(?![+-]?\d{4,5}-?(?:\d{2}|W\d{2})T(?:\d{4}|[+-]\d{5})-?(?:|(0\d|1[0-2])(?:-?([0-2]\d|3[0-1])))([0-2]\d{2}|3[0-1])`

Test string

Hex Color Value

```
/^#?([a-fA-F0-9]{6}|[a-fA-F0-9]{3})$/
```

Test string

SRC of image tag

```
/^<s*img[^\>]+src\s*=\s*("["])(.*?)\1[^\>]*>$/
```

Test string

IPv6 Address

```
/^((([0-9a-fA-F]{1,4}):(7,7)[0-9a-fA-F]{1,4}|([0-9a-fA-F]{1,4}):(1,7):|([0-9a-fA-F]{1,4}):(1,6):[0-9a-fA-F]{1,4}
```

Test string

Integer

```
/^-\?d+$/
```

Test string

Positive or negative number

```
/^-\?d*\.\?d+$/
```

Test string

ID of Youtube video

```
/https?:\V(?:youtu\.beV|(?:[a-z]{2,3}\.)?youtube\.comVwatch(?:\?|#\!)v=)([w-]{11}).*/gi
```

Test string

Wordpress shortcodes

```
/^\[[a-z-_0-9]+\](^\[\ ]+)?(?:\.(*)\[\1\]|\s+\1)\$/
```

Test string

Morse Code

```
/^[.-]{1,5}(?:[ \t]+[.-]{1,5})*(?:[ \t]+[.-]{1,5}(?:[ \t]+[.-]{1,5})*)*$/
```

Test string

Created by @lukehaas (<https://twitter.com/lukehaas>)

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