

## REGEX CHEAT SHEET

The most commonly used metacharacters in Python, PHP, Perl, JavaScript, and Ruby regular expressions

Metacharacters	Meaning
\n	Newline
[...]	Range or <i>character class</i>
[^...]	Not in range or <i>negated character class</i>
.	( <i>dot or point</i> ) Any character except newline
\w	Word character [a-zA-Z0-9_]
\W	Nonword character [^a-zA-Z0-9_]
\d	Digit character [0-9]
\D	Nondigit character [^0-9]
\s	Whitespace character [\n\r\t]
\S	Nonwhitespace character [^\n\r\t]
^	( <i>caret</i> ) The start of the line of text
\$	( <i>dollar</i> ) The end of the line of text
\b	Word boundary
\B	Not-word-boundary
i	Case-insensitive matching
m	^ and \$ match next to embedded \n
(...)	Group subpattern and capture submatch into \1, \2, ..
\n	Contains the result of nth earlier submatch from a parentheses capture group, or a named capture group
*	( <i>asterisk or star</i> ) Match 0 or more times
+	( <i>plus</i> ) Match 1 or more times
?	( <i>question mark</i> ) Match 1 or 0 times
{n}	Match exactly n times