

Anchors		Sample Patterns	
^	Start of line +	([A-Za-z0-9-]+)	Letters, numbers and hyphens
\A	Start of string +	(\d{1,2}\V\d{1,2}\V\d{4})	Date (e.g. 21/3/2006)
\$	End of line +	([^\s]+(?:\.(jpg gif png)))\.\2	jpg, gif or png image
\Z	End of string +	(^[1-9]{1}\$ ^[1-4]{1}[0-9]{1}\$ ^50\$)	Any number from 1 to 50 inclusive
\b	Word boundary +	(#?([A-Fa-f0-9]){3}([A-Fa-f0-9]){3})?	Valid hexadecimal colour code
\B	Not word boundary +	((?=[*\d])(?=[*a-z])(?=[*A-Z]).{8,15})	8 to 15 character string with at least one upper case letter, one lower case letter, and one digit (useful for passwords).
\<	Start of word	(\w+@[a-zA-Z_]+?\.[a-zA-Z]{2,6})	Email addresses
\>	End of word	(\<(/?[^\>]+)\>)	HTML Tags
Character Classes		<div>Note</div> <div>These patterns are intended for reference purposes and have not been extensively tested. Please use with caution and test thoroughly before use.</div>	
\c	Control character		
\s	White space		
\S	Not white space		
\d	Digit		
\D	Not digit		
\w	Word		
\W	Not word		
\xhh	Hexadecimal character hh		
\Oxxx	Octal character xxx		
POSIX Character Classes			
[:upper:]	Upper case letters		
[:lower:]	Lower case letters		
[:alpha:]	All letters		
[:alnum:]	Digits and letters		
[:digit:]	Digits		
[:xdigit:]	Hexadecimal digits		
[:punct:]	Punctuation		
[:blank:]	Space and tab		
[:space:]	Blank characters		
[:cntrl:]	Control characters		
[:graph:]	Printed characters		
[:print:]	Printed characters and spaces		
[:word:]	Digits, letters and underscore		
Assertions			
?=	Lookahead assertion +		
?!	Negative lookahead +		
?<=	Lookbehind assertion +		
?!= or ?<!	Negative lookbehind +		
?>	Once-only Subexpression		
?()	Condition [if then]		
?()	Condition [if then else]		
?#	Comment		
<div>Note</div>	Items marked + should work in most regular expression implementations.	String Replacement (Backreferences)	
		\$n	nth non-passive group
		\$2	"xyz" in /^(abc(xyz))\$/
		\$1	"xyz" in /^(?:abc)(xyz)\$/
		\$`	Before matched string
		\$'	After matched string
		\$+	Last matched string
		\$&	Entire matched string
		\$_	Entire input string
		\$\$	Literal "\$"
Quantifiers		Ranges	
*	0 or more +	.	Any character except new line (\n) +
*?	0 or more, ungreedy +	(a b)	a or b +
+	1 or more +	(...)	Group +
+?	1 or more, ungreedy +	(?:...)	Passive Group +
?	0 or 1 +	[abc]	Range (a or b or c) +
??	0 or 1, ungreedy +	[^abc]	Not a or b or c +
{3}	Exactly 3 +	[a-q]	Letter between a and q +
{3,}	3 or more +	[A-Q]	Upper case letter + between A and Q +
{3,5}	3, 4 or 5 +	[0-7]	Digit between 0 and 7 +
{3,5}?	3, 4 or 5, ungreedy +	\n	nth group/subpattern +
Special Characters		<div>Note</div>	Ranges are inclusive.
\	Escape Character +		
\n	New line +		
\r	Carriage return +		
\t	Tab +		
\v	Vertical tab +		
\f	Form feed +		
\a	Alarm	Pattern Modifiers	
[\b]	Backspace	g	Global match
\e	Escape	i	Case-insensitive
\N{name}	Named Character	m	Multiple lines
		s	Treat string as single line
		x	Allow comments and white space in pattern
		e	Evaluate replacement
		U	Ungreedy pattern
Metacharacters (must be escaped)			
^	[.	
\$	{	*	
(\	+	
)		?	
<	>		
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