

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 "\$"
		Ranges	
		.	Any character except new line (\n) +
		(a b)	a or b +
		(...)	Group +
		(?:...)	Passive Group +
		[abc]	Range (a or b or c) +
		[^abc]	Not a or b or c +
		[a-q]	Letter between a and q +
		[A-Q]	Upper case letter + between A and Q +
		[0-7]	Digit between 0 and 7 +
		\n	nth group/subpattern +
		<div>Note</div>	Ranges are inclusive.
		Pattern Modifiers	
		g	Global match
		i	Case-insensitive
		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)	
		^	[
		\$	{
		(\
)	
		<	>
		Available free from	