

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		Note <i>These patterns are intended for reference purposes and have not been extensively tested. Please use with caution and test thoroughly before use.</i>	
\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		String Replacement (Backreferences)	
?=	Lookahead assertion +	\$n	nth non-passive group
?!	Negative lookahead +	\$2	"xyz" in /^(abc(xyz))\$/
?<=	Lookbehind assertion +	\$1	"xyz" in /^(?:abc)(xyz)\$/
?!= or ?<!	Negative lookbehind +	\$`	Before matched string
?>	Once-only Subexpression	\$'	After matched string
?()	Condition [if then]	\$+	Last matched string
?()	Condition [if then else]	&\$	Entire matched string
?#	Comment	\$_	Entire input string
		\$\$	Literal "\$"
Note	Items marked + should work in most regular expression implementations.		
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		Note	<i>Ranges are inclusive.</i>
\	Escape Character +	Pattern Modifiers	
\n	New line +	g	Global match
\r	Carriage return +	i	Case-insensitive
\t	Tab +	m	Multiple lines
\v	Vertical tab +	s	Treat string as single line
\f	Form feed +	x	Allow comments and white space in pattern
\a	Alarm	e	Evaluate replacement
[\b]	Backspace	U	Ungreedy pattern
\e	Escape	Metacharacters (must be escaped)	
\N{name}	Named Character	^	[
		\$	{
		(\
)	
		<	>
		.	*
		+	?