

{colortable} to latex

```
suppressMessages({  
  library(tidyverse)  
  library(colortable)  
  library(knitr)  
})
```

Valid PDF Styles







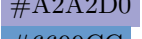
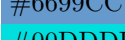






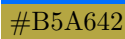






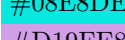

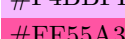





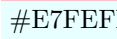




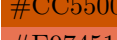







```
possible_styles <- valid_style(method = "latex")  
  
data.frame(Styles = possible_styles,  
  Example = color_vctr(rep("Lorem Ipsum",length(possible_styles)), style = possible_styles)) %>%  
  format() %>%  
  kable(escape = FALSE)
```

Styles	Example
bold	Lorem Ipsum
italic	<i>Lorem Ipsum</i>
underline	<u>Lorem Ipsum</u>
strikethrough	Lorem Ipsum
outline	<u>Lorem Ipsum</u>

Valid PDF Colors

```
possible_colors <- valid_colors(method = "latex")  
  
possible_colors %>%  
  mutate(  
    `Color` =  
    color_vctr(  
      possible_colors$`Color Name`,  
      text_color = possible_colors$`Color Name`  
    ),  
    `Hex Code` =  
    color_vctr(  
      paste0("\\\\",possible_colors$`Hex Code`),  
      background = possible_colors$`Hex Code`  
    )  
  ) %>%  
  select(`Color Name`, Color, `Hex Code`) %>%  
  data.frame() %>%  
  format() %>%  
  kable(escape = FALSE)
```

Color.Name	Color	Hex.Code
airforceblue	airforceblue	#5D8AA8
aliceblue	aliceblue	#F0F8FF
alizarin	alizarin	#E32636
almond	almond	#EFDECD
amaranth	amaranth	#E52B50
amber	amber	#FFBF00
americanrose	americanrose	#FF033E
amethyst	amethyst	#9966CC
anti-flashwhite	anti-flashwhite	#F2F3F4
antiquebrass	antiquebrass	#CD9575
antiquefuchsia	antiquefuchsia	#915C83
antiquewhite	antiquewhite	#FAEBD7
ao	ao	#0000FF
applegreen	applegreen	#8DB600
apricot	apricot	#FBCEB1
aqua	aqua	#00FFFF
aquamarine	aquamarine	#7FFFD0
armygreen	armygreen	#4B5320
arsenic	arsenic	#3B444B
arylideyellow	arylideyellow	#E9D66B
ashgrey	ashgrey	#B2BEB5
asparagus	asparagus	#87A96B
atomictangerine	atomictangerine	#FF9966
auburn	auburn	#6D351A
aureolin	aureolin	#FDEE00
aurometalsaurus	aurometalsaurus	#6E7F80
awesome	awesome	#FF2052
azure	azure	#007FFF
babyblue	babyblue	#89CFF0
babyblueeyes	babyblueeyes	#A1CAF1
babypink	babypink	#F4C2C2
ballblue	ballblue	#21ABCD
bananamania	bananamania	#FAE7B5
bananayellow	bananayellow	#FFE135
battleshipgrey	battleshipgrey	#848482
bazaar	bazaar	#98777B
beaublue	beaublue	#BCD4E6
beaver	beaver	#9F8170
beige	beige	#F5F5DC
bisque	bisque	#FFE4C4
bistre	bistre	#3D2B1F
bittersweet	bittersweet	#FE6F5E

Color.Name	Color	Hex.Code
black	black	
blanchedalmond	blanchedalmond	
bleudefrance	bleudefrance	
blizzardblue	blizzardblue	
blond	blond	
blue	blue	
bluebell	bluebell	
bluegray	bluegray	
blue-green	blue-green	
blue-violet	blue-violet	
blush	blush	
bole	bole	
bondibblue	bondibblue	
bostonuniversityred	bostonuniversityred	
brandeisblue	brandeisblue	
brass	brass	
brickred	brickred	
brightcerulean	brightcerulean	
brightgreen	brightgreen	
brightlavender	brightlavender	
brightmaroon	brightmaroon	
brightpink	brightpink	
brightturquoise	brightturquoise	
brightube	brightube	
brilliantlavender	brilliantlavender	
brilliantrose	brilliantrose	
brinkpink	brinkpink	
britishracinggreen	britishracinggreen	
bronze	bronze	
brown	brown	
bubblegum	bubblegum	
bubbles	bubbles	
buff	buff	
bulgarianrose	bulgarianrose	
burgundy	burgundy	
burlywood	burlywood	
burntorange	burntorange	
burntsienna	burntsienna	
burntumber	burntumber	
byzantine	byzantine	
byzantium	byzantium	
cadet	cadet	

Color.Name	Color	Hex.Code
cadetblue	cadetblue	#5F9EA0
cadetgrey	cadetgrey	#91A3B0
cadmiumgreen	cadmiumgreen	#006B3C
cadmiumorange	cadmiumorange	#ED872D
cadmiumred	cadmiumred	#E30022
cadmiumyellow	cadmiumyellow	#FFF600
calpolypomonagreen	calpolypomonagreen	#1E4D2B
cambridgeblue	cambridgeblue	#A3C1AD
camel	camel	#C19A6B
camouflagegreen	camouflagegreen	#78866B
canaryyellow	canaryyellow	#FFEF00
candyapplered	candyapplered	#FF0800
candypink	candypink	#E4717A
capri	capri	#00BFFF
caputmortuum	caputmortuum	#592720
cardinal	cardinal	#C41E3A
caribbeangreen	caribbeangreen	#00CC99
carmine	carmine	#960018
carminepink	carminepink	#EB4C42
carminered	carminered	#FF0038
carnationpink	carnationpink	#FFA6C9
carnelian	carnelian	#B31B1B
carolinablue	carolinablue	#99BADD
carrotorange	carrotorange	#ED9121
ceil	ceil	#92A1CF
celadon	celadon	#ACE1AF
celestialblue	celestialblue	#4997D0
cerise	cerise	#DE3163
cerisepink	cerisepink	#EC3B83
cerulean	cerulean	#007BA7
ceruleanblue	ceruleanblue	#2A52BE
chamoisee	chamoisee	#A0785A
champagne	champagne	#F7E7CE
charcoal	charcoal	#36454F
chartreuse	chartreuse	#DFFF00
cherryblossompink	cherryblossompink	#FFB7C5
chestnut	chestnut	#CD5C5C
chocolate	chocolate	#7B3F00
chromeyellow	chromeyellow	#FFA700
cinereous	cinereous	#98817B
cinnabar	cinnabar	#E34234
cinnamon	cinnamon	#D2691E

Color.Name	Color	Hex.Code
citrine	citrine	#E4D00A
classicrose	classicrose	#FBCCE7
cobalt	cobalt	#0047AB
cocoabrown	cocoabrown	#D2691E
columbiablue	columbiablue	#9BDDDF
coolblack	coolblack	#002E63
coolgrey	coolgrey	#8C92AC
copper	copper	#B87333
copperrose	copperrose	#996666
coquelicot	coquelicot	#FF3800
coral	coral	#FF7F50
coralpink	coralpink	#F88379
coralred	coralred	#FF4040
cordovan	cordovan	#893F45
corn	corn	#FBEC5D
cornellred	cornellred	#B31B1B
cornflowerblue	cornflowerblue	#6495ED
cornsilk	cornsilk	#FFF8DC
cosmiclatte	cosmiclatte	#FFF8E7
cottoncandy	cottoncandy	#FFBCD9
cream	cream	#FFFDD0
crimson	crimson	#DC143C
crimsonglory	crimsonglory	#BE0032
cyan	cyan	#00FFFF
daffodil	daffodil	#FFFF31
dandelion	dandelion	#F0E130
darkblue	darkblue	#00008B
darkbrown	darkbrown	#654321
darkbyzantium	darkbyzantium	#5D3954
darkcandyapplered	darkcandyapplered	#A40000
darkcerulean	darkcerulean	#08457E
darkchampagne	darkchampagne	#C2B280
darkchestnut	darkchestnut	#986960
darkcoral	darkcoral	#CD5B45
darkcyan	darkcyan	#008B8B
darkelectricblue	darkelectricblue	#536878
darkgoldenrod	darkgoldenrod	#B8860B
darkgray	darkgray	#A9A9A9
darkgreen	darkgreen	#013220
darkjunglegreen	darkjunglegreen	#1A2421
darkkhaki	darkkhaki	#BDB76B
darklava	darklava	#483C32

Color.Name	Color	Hex.Code
darklavender	darklavender	#734F96
darkmagenta	darkmagenta	#8B008B
darkmidnightblue	darkmidnightblue	#003366
darkolivegreen	darkolivegreen	#556B2F
darkorange	darkorange	#FF8C00
darkorchid	darkorchid	#9932CC
darkpastelblue	darkpastelblue	#779ECB
darkpastelgreen	darkpastelgreen	#03C03C
darkpastelpurple	darkpastelpurple	#966FD6
darkpastelred	darkpastelred	#C23B22
darkpink	darkpink	#E75480
darkpowderblue	darkpowderblue	#003399
darkraspberry	darkraspberry	#872657
darkred	darkred	#8B0000
darksalmon	darksalmon	#E9967A
darkscarlet	darkscarlet	#560319
darkseagreen	darkseagreen	#8FBC8F
darksienna	darksienna	#3C1414
darkslateblue	darkslateblue	#483D8B
darkslategray	darkslategray	#2F4F4F
darkspringgreen	darkspringgreen	#177245
darktan	darktan	#918151
darktangerine	darktangerine	#FFA812
darktaupe	darktaupe	#483C32
darkterracotta	darkterracotta	#CC4E5C
darkturquoise	darkturquoise	#00CED1
darkviolet	darkviolet	#9400D3
dartmouthgreen	dartmouthgreen	#00693E
davysgrey	davysgrey	#555555
debianred	debianred	#D70A53
deepcarmine	deepcarmine	#A9203E
deepcarminepink	deepcarminepink	#EF3038
deepcarrotorange	deepcarrotorange	#E9692C
deepcerise	deepcerise	#DA3287
deepchampagne	deepchampagne	#FAD6A5
deepchestnut	deepchestnut	#B94E48
deepfuchsia	deepfuchsia	#C154C1
deepjunglegreen	deepjunglegreen	#004B49
deeplilac	deeplilac	#9955BB
deepmagenta	deepmagenta	#CC00CC
deeppeach	deeppeach	#FFCBA4
deeppink	deeppink	#FF1493

Color.Name	Color	Hex.Code
deepsaffron	deepsaffron	#FF9933
deepskyblue	deepskyblue	#00BFFF
denim	denim	#1560BD
desert	desert	#C19A6B
desertsand	desertsand	#EDC9AF
dimgray	dimgray	#696969
dodgerblue	dodgerblue	#1E90FF
dogwoodrose	dogwoodrose	#D71868
dollarbill	dollarbill	#85BB65
drab	drab	#967117
dukeblue	dukeblue	#00009C
earthyyellow	earthyyellow	#E1A95F
ecru	ecru	#C2B280
eggplant	eggplant	#614051
eggshell	eggshell	#F0EAD6
egyptianblue	egyptianblue	#1034A6
electricblue	electricblue	#7DF9FF
electriccrimson	electriccrimson	#FF003F
electriccyan	electriccyan	#00FFFF
electricgreen	electricgreen	#00FF00
electricindigo	electricindigo	#6F00FF
electriclavender	electriclavender	#F4BBFF
electriclime	electriclime	#CCFF00
electricpurple	electricpurple	#BF00FF
electricultramarine	electricultramarine	#3F00FF
electricviolet	electricviolet	#8F00FF
electricyellow	electricyellow	#FFFF00
emerald	emerald	#50C878
etonblue	etonblue	#96C8A2
fallow	fallow	#C19A6B
falured	falured	#801818
fandango	fandango	#B53389
fashionfuchsia	fashionfuchsia	#F400A1
fawn	fawn	#E5AA70
feldgrau	feldgrau	#4D5D53
ferngreen	ferngreen	#4F7942
ferrariired	ferrariired	#FF2800
felddrab	felddrab	#6C541E
firebrick	firebrick	#B22222
fireengineered	fireengineered	#CE2029
flame	flame	#E25822
flamingopink	flamingopink	#FC8EAC

Color.Name	Color	Hex.Code
flavescent	flavescent	#F7E98E
flax	flax	#EEDC82
floralwhite	floralwhite	#FFFAF0
fluorescentorange	fluorescentorange	#FFBF00
fluorescentpink	fluorescentpink	#FF1493
fluorescentyellow	fluorescentyellow	#CCFF00
folly	folly	#FF004F
forestgreen	forestgreen	#014421
frenchbeige	frenchbeige	#A67B5B
frenchblue	frenchblue	#0072BB
frenchlilac	frenchlilac	#86608E
frenchrose	frenchrose	#F64A8A
fuchsia	fuchsia	#FF00FF
fuchsiapink	fuchsiapink	#FF77FF
fulvous	fulvous	#E48400
fuzzywuzzy	fuzzywuzzy	#CC6666
gainsboro	gainsboro	#DCDCDC
gamboge	gamboge	#E49B0F
ghostwhite	ghostwhite	#F8F8FF
ginger	ginger	#B06500
glaucous	glaucous	#6082B6
goldmetallic	goldmetallic	#D4AF37
gold	gold	#FFD700
goldenbrown	goldenbrown	#996515
goldenpoppy	goldenpoppy	#FCC200
goldenyellow	goldenyellow	#FFDF00
goldenrod	goldenrod	#DAA520
grannysmithapple	grannysmithapple	#A8E4A0
gray	gray	#808080
gray-asparagus	gray-asparagus	#465945
green	green	#00FF00
green-yellow	green-yellow	#ADFF2F
grullo	grullo	#A99A86
guppiegreen	guppiegreen	#00FF7F
halayaube	halayaube	#663854
hanblue	hanblue	#446CCF
hanpurple	hanpurple	#5218FA
hansayellow	hansayellow	#E9D66B
harlequin	harlequin	#3FFF00
harvardcrimson	harvardcrimson	#C90016
harvestgold	harvestgold	#DA9100
heartgold	heartgold	#808000

Color.Name	Color	Hex.Code
heliotrope	heliotrope	#DF73FF
hollywoodcerise	hollywoodcerise	#F400A1
honeydew	honeydew	#F0FFF0
hookersgreen	hookersgreen	#007000
hotmagenta	hotmagenta	#FF1DCE
hotpink	hotpink	#FF69B4
huntergreen	huntergreen	#355E3B
iceberg	iceberg	#71A6D2
icterine	icterine	#FCF75E
inchworm	inchworm	#B2EC5D
indiangreen	indiangreen	#138808
indianred	indianred	#CD5C5C
indianyellow	indianyellow	#E3A857
indigodye	indigodye	#00416A
indigo	indigo	#4B0082
internationalkleinblue	internationalkleinblue	#002FA7
internationalorange	internationalorange	#FF4F00
iris	iris	#5A4FCF
isabelline	isabelline	#F4F0EC
islamicgreen	islamicgreen	#009000
ivory	ivory	#FFFFFF0
jade	jade	#00A86B
jasper	jasper	#D73B3E
jazzberryjam	jazzberryjam	#A50B5E
jonquil	jonquil	#FADA5E
junebud	junebud	#BDDA57
junglegreen	junglegreen	#29AB87
kellygreen	kellygreen	#4CBB17
khaki	khaki	#C3B091
lightkhaki	lightkhaki	#F0E68C
lasallegreen	lasallegreen	#087830
languidlavender	languidlavender	#D6CADD
lapislazuli	lapislazuli	#26619C
laserlemon	laserlemon	#FEFE22
lava	lava	#CF1020
lavender	lavender	#B57EDC
lightlavender	lightlavender	#E6E6FA
lavenderblue	lavenderblue	#CCCCFF
lavenderblush	lavenderblush	#FFF0F5
lavendergray	lavendergray	#C4C3D0
lavenderindigo	lavenderindigo	#9457EB
lavendermagenta	lavendermagenta	#EE82EE

Color.Name	Color	Hex.Code
lavendermist	lavendermist	#E6E6FA
lavenderpink	lavenderpink	#FBAED2
lavenderpurple	lavenderpurple	#967BB6
lavenderrose	lavenderrose	#FBA0E3
lawngreen	lawngreen	#7CFC00
lemon	lemon	#FFF700
lemonchiffon	lemonchiffon	#FFFACD
lightapricot	lightapricot	#FDD5B1
lightblue	lightblue	#ADD8E6
lightbrown	lightbrown	#B5651D
lightcarminepink	lightcarminepink	#E66771
lightcoral	lightcoral	#F08080
lightcornflowerblue	lightcornflowerblue	#93CCEA
lightcyan	lightcyan	#E0FFFF
lightfuchsiapink	lightfuchsiapink	#F984EF
lightgoldenrodyellow	lightgoldenrodyellow	#FAFAD2
lightgray	lightgray	#D3D3D3
lightgreen	lightgreen	#90EE90
lightkhaki	lightkhaki	#F0E68C
lightmauve	lightmauve	#DCD0FF
lightpastelpurple	lightpastelpurple	#B19CD9
lightpink	lightpink	#FFB6C1
lightsalmon	lightsalmon	#FFA07A
lightsalmonpink	lightsalmonpink	#FF9999
lightseagreen	lightseagreen	#20B2AA
lightskyblue	lightskyblue	#87CEEB
lightslategray	lightslategray	#778899
lighttaupe	lighttaupe	#B38B6D
lightthulianpink	lightthulianpink	#E68FAC
lightyellow	lightyellow	#FFFFE0
lilac	lilac	#C8A2C8
lime	lime	#BFFF00
limegreen	limegreen	#32CD32
lincolngreen	lincolngreen	#195905
linen	linen	#FAF0E6
liver	liver	#534B4F
lust	lust	#E62020
macaroniandcheese	macaroniandcheese	#FFBD88
magenta	magenta	#FF00FF
magicmint	magicmint	#AAF0D1
magnolia	magnolia	#F8F4FF
mahogany	mahogany	#C04000

Color.Name	Color	Hex.Code
maize	maize	#FBEC5D
majorelleblue	majorelleblue	#6050DC
malachite	malachite	#0BDA51
manatee	manatee	#979AAA
mangotango	mangotango	#FF8243
maroon	maroon	#800000
mauve	mauve	#E0B0FF
mauvetaupe	mauvetaupe	#915F6D
mauveous	mauveous	#EF98AA
mayablue	mayablue	#73C2FB
meatbrown	meatbrown	#E5B73B
mediumaquamarine	mediumaquamarine	#66DDAA
mediumblue	mediumblue	#0000CD
mediumcandyappledred	mediumcandyappledred	#E2062C
mediumcarmine	mediumcarmine	#AF4035
mediumchampagne	mediumchampagne	#F3E5AB
mediumelectricblue	mediumelectricblue	#035096
mediumjunglegreen	mediumjunglegreen	#1C352D
mediumlavendermagenta	mediumlavendermagenta	#DDA0DD
mediumorchid	mediumorchid	#BA55D3
mediumpersianblue	mediumpersianblue	#0067A5
mediumpurple	mediumpurple	#9370DB
mediumred-violet	mediumred-violet	#BB3385
mediumseagreen	mediumseagreen	#3CB371
mediumslateblue	mediumslateblue	#7B68EE
mediumspringbud	mediumspringbud	#C9DC87
mediumspringgreen	mediumspringgreen	#00FA9A
mediumtaupe	mediumtaupe	#674C47
mediumtealblue	mediumtealblue	#0054B4
mediumturquoise	mediumturquoise	#48D1CC
mediumviolet-red	mediumviolet-red	#C71585
melon	melon	#FDBCB4
midnightblue	midnightblue	#191970
midnightgreen	midnightgreen	#004953
mikadoyellow	mikadoyellow	#FFC40C
mint	mint	#3EB489
mintcream	mintcream	#F5FFFA
mintgreen	mintgreen	#98FF98
mistyrose	mistyrose	#FFE4E1
moccasin	moccasin	#FAEBD7
modebeige	modebeige	#967117
moonstoneblue	moonstoneblue	#73A9C2

Color.Name	Color	Hex.Code
mordantred19	mordantred19	#AE0C00
mossgreen	mossgreen	#ADDFAD
mountainmeadow	mountainmeadow	#30BA8F
mountbattenpink	mountbattenpink	#997A8D
mulberry	mulberry	#C54B8C
mustard	mustard	#FFDB58
myrtle	myrtle	#21421E
msugreen	msugreen	#18453B
nadeshikopink	nadeshikopink	#F6ADC6
napiergreen	napiergreen	#2A8000
naplesyellow	naplesyellow	#FADA5E
navajowhite	navajowhite	#FFDEAD
navyblue	navyblue	#000080
neoncarrot	neoncarrot	#FFA343
neonfuchsia	neonfuchsia	#FE59C2
neongreen	neongreen	#39FF14
non-photoblue	non-photoblue	#A4DDED
oceanboatblue	oceanboatblue	#0077BE
ochre	ochre	#CC7722
officegreen	officegreen	#008000
oldgold	oldgold	#CFB53B
oldlace	oldlace	#FDF5E6
oldlavender	oldlavender	#796878
oldmauve	oldmauve	#673147
oldrose	oldrose	#C08081
olive	olive	#808000
olivedrab	olivedrab	#6B8E23
olivedrab7	olivedrab7	#3C341F
olivine	olivine	#9AB973
onyx	onyx	#0F0F0F
operamauve	operamauve	#B784A7
orange	orange	#FF7F00
orangepeel	orangepeel	#FF9F00
orange-red	orange-red	#FF4500
orchid	orchid	#DA70D6
otterbrown	otterbrown	#654321
outerspace	outerspace	#414A4C
outrageousorange	outrageousorange	#FF6E4A
oxfordblue	oxfordblue	#002147
oucrimsonred	oucrimsonred	#990000
pakistangreen	pakistangreen	#006600
palatinateblue	palatinateblue	#273BE2

Color.Name	Color	Hex.Code
palatinatepurple	palatinatepurple	#682860
paleaqua	paleaqua	#BCD4E6
paleblue	paleblue	#AFEEEE
palebrown	palebrown	#987654
palecarmine	palecarmine	#AF4035
palecerulean	palecerulean	#9BC4E2
palechestnut	palechestnut	#DDADAF
palecopper	palecopper	#DA8A67
palecornflowerblue	palecornflowerblue	#ABCDEF
palegold	palegold	#E6BE8A
palegoldenrod	palegoldenrod	#EEE8AA
palegreen	palegreen	#98FB98
palemagenta	palemagenta	#F984E5
palepink	palepink	#FADADD
paleplum	paleplum	#DDA0DD
palered-violet	palered-violet	#DB7093
palerobineggblue	palerobineggblue	#96DED1
palesilver	palesilver	#C9C0BB
palespringbud	palespringbud	#ECEBBD
paletaupé	paletaupé	#BC987E
paleviolet-red	paleviolet-red	#DB7093
pansypurple	pansypurple	#78184A
papayawhip	papayawhip	#FFEFD5
parisgreen	parisgreen	#50C878
pastelblue	pastelblue	#AEC6CF
pastelbrown	pastelbrown	#836953
pastelgray	pastelgray	#CFCFC4
pastelgreen	pastelgreen	#77DD77
pastelmagenta	pastelmagenta	#F49AC2
pastelorange	pastelorange	#FFB347
pastelpink	pastelpink	#FFD1DC
pastelpurple	pastelpurple	#B39EB5
pastelred	pastelred	#FF6961
pastelviolet	pastelviolet	#CB99C9
pastelyellow	pastelyellow	#FDFD96
patriarch	patriarch	#800080
paynesgrey	paynesgrey	#40404F
peach	peach	#FFE5B4
peach-orange	peach-orange	#FFCC99
peachpuff	peachpuff	#FFDAB9
peach-yellow	peach-yellow	#FADFAD
pear	pear	#D1E231

Color.Name	Color	Hex.Code
pearl	pearl	#F0EAD6
peridot	peridot	#E6E200
periwinkle	periwinkle	#CCCCFF
persianblue	persianblue	#1C39BB
persiangreen	persiangreen	#00A693
persianindigo	persianindigo	#32127A
persianorange	persianorange	#D99058
peru	peru	#CD853F
persianpink	persianpink	#F77FBE
persianplum	persianplum	#701C1C
persianred	persianred	#CC3333
persianrose	persianrose	#FE28A2
persimmon	persimmon	#EC5800
phlox	phlox	#DF00FF
phthaloblue	phthaloblue	#000F89
phthalogreen	phthalogreen	#123524
piggypink	piggypink	#FDDDE6
pinegreen	pinegreen	#01796F
pink	pink	#FFC0CB
pink-orange	pink-orange	#FF9966
pinkpearl	pinkpearl	#E7ACCF
pinksherbet	pinksherbet	#F78FA7
pistachio	pistachio	#93C572
platinum	platinum	#E5E4E2
plum	plum	#8E4585
portlandorange	portlandorange	#FF5A36
powderblue	powderblue	#B0E0E6
princetonorange	princetonorange	#FF8F00
prune	prune	#701C1C
prussianblue	prussianblue	#003153
psychedelicpurple	psychedelicpurple	#DF00FF
puce	puce	#CC8899
pumpkin	pumpkin	#FF7518
purple	purple	#800080
purpleheart	purpleheart	#69359C
purplemountainmajesty	purplemountainmajesty	#9678B6
purplepizzazz	purplepizzazz	#FE4EDA
purpletaupe	purpletaupe	#50404D
radicalred	radicalred	#FF355E
raspberry	raspberry	#E30B5D
raspberryglace	raspberryglace	#915F6D
raspberypink	raspberypink	#E25098

Color.Name	Color	Hex.Code
raspberryrose	raspberryrose	#B3446C
rawumber	rawumber	#826644
razzledazzlerose	razzledazzlerose	#FF33CC
razzmatazz	razzmatazz	#E3256B
red	red	#FF0000
red-brown	red-brown	#A52A2A
red-violet	red-violet	#C71585
redwood	redwood	#AB4E52
regalia	regalia	#522D80
richblack	richblack	#004040
richbrilliantlavender	richbrilliantlavender	#F1A7FE
richcarmine	richcarmine	#D70040
richelectricblue	richelectricblue	#0892D0
richlavender	richlavender	#A76BCF
richlilac	richlilac	#B666D2
richmaroon	richmaroon	#B03060
riflegreen	riflegreen	#414833
robineggblue	robineggblue	#00CCCC
rose	rose	#FF007F
rosebonbon	rosebonbon	#F9429E
rosebony	rosebony	#674846
rosegold	rosegold	#B76E79
rosemadder	rosemadder	#E32636
rosepink	rosepink	#FF66CC
rosequartz	rosequartz	#AA98A9
rosetaupe	rosetaupe	#905D5D
rosevale	rosevale	#AB4E52
rosewood	rosewood	#65000B
rossocorsa	rossocorsa	#D40000
rosybrown	rosybrown	#BC8F8F
royalazure	royalazure	#0038A8
royalblue	royalblue	#002366
royalfuchsia	royalfuchsia	#CA2C92
royalpurple	royalpurple	#7851A9
ruby	ruby	#E0115F
ruddy	ruddy	#FF0028
ruddybrown	ruddybrown	#BB6528
ruddypink	ruddypink	#E18E96
rufous	rufous	#A81C07
russet	russet	#80461B
rust	rust	#B7410E
sacramentostategreen	sacramentostategreen	#00563F

Color.Name	Color	Hex.Code
saddlebrown	saddlebrown	#8B4513
safetyorange	safetyorange	#FF6700
saffron	saffron	#F4C430
st.patricksblue	st.patricksblue	#23297A
salmon	salmon	#FF8C69
salmonpink	salmonpink	#FF91A4
sand	sand	#C2B280
sanddune	sanddune	#967117
sandstorm	sandstorm	#ECD540
sandybrown	sandybrown	#F4A460
sandytaupe	sandytaupe	#967117
sangria	sangria	#92000A
sapgreen	sapgreen	#507D2A
sapphire	sapphire	#082567
satinsheengold	satinsheengold	#CBA135
scarlet	scarlet	#FF2000
schoolbusyellow	schoolbusyellow	#FFD800
screaminggreen	screaminggreen	#76FF7A
seagreen	seagreen	#2E8B57
sealbrown	sealbrown	#321414
seashell	seashell	#FFF5EE
selectiveyellow	selectiveyellow	#FFBA00
sepia	sepia	#704214
shadow	shadow	#8A795D
shamrockgreen	shamrockgreen	#009E60
shockingpink	shockingpink	#FC0FC0
sienna	sienna	#882D17
silver	silver	#C0C0C0
sinopia	sinopia	#CB410B
skobeloff	skobeloff	#007474
skyblue	skyblue	#87CEEB
skymagenta	skymagenta	#CF71AF
slateblue	slateblue	#6A5ACD
slategray	slategray	#708090
smalt	smalt	#003399
smokeytopaz	smokeytopaz	#933D41
smokyblack	smokyblack	#100C08
snow	snow	#FFFAFA
spirodiscoball	spirodiscoball	#0FC0FC
splashedwhite	splashedwhite	#FEFDFE
springbud	springbud	#A7FC00
springgreen	springgreen	#00FF7F

Color.Name	Color	Hex.Code
steelblue	steelblue	#4682B4
stildegrainyellow	stildegrainyellow	#FADA5E
straw	straw	#E4D96F
sunglow	sunglow	#FFCC33
sunset	sunset	#FAD6A5
tan	tan	#D2B48C
tangelo	tangelo	#F94D00
tangerine	tangerine	#F28500
tangerineyellow	tangerineyellow	#FFCC00
taupe	taupe	#483C32
taupegray	taupegray	#8B8589
teagreen	teagreen	#D0F0C0
tearoseorange	tearoseorange	#F88379
tearoserose	tearoserose	#F4C2C2
teal	teal	#008080
tealblue	tealblue	#367588
tealgreen	tealgreen	#006D5B
tenne	tenne	#CD5700
terracotta	terracotta	#E2725B
thistle	thistle	#D8BFD8
thulianpink	thulianpink	#DE6FA1
ticklempink	ticklempink	#FC89AC
tiffanyblue	tiffanyblue	#0ABAB5
tigerseye	tigerseye	#E08D3C
timberwolf	timberwolf	#DBD7D2
titaniumyellow	titaniumyellow	#EEE600
tomato	tomato	#FF6347
toolbox	toolbox	#746CC0
tractorred	tractorred	#FD0E35
trolleygrey	trolleygrey	#808080
tropicalrainforest	tropicalrainforest	#00755E
trueblue	trueblue	#0073CF
tuftsblue	tuftsblue	#417DC1
tumbleweed	tumbleweed	#DEAA88
turkishrose	turkishrose	#B57281
turquoise	turquoise	#30D5C8
turquoiseblue	turquoiseblue	#00FFEF
turquoisegreen	turquoisegreen	#A0D6B4
tuscanred	tuscanred	#823535
twilightlavender	twilightlavender	#8A496B
tyrianpurple	tyrianpurple	#66023C
uablue	uablue	#0033AA

Color.Name	Color	Hex.Code
uared	uared	#D9004C
ube	ube	#8878C3
uclablue	uclablue	#536895
uclagold	uclagold	#FFB300
ufogreen	ufogreen	#3CD070
ultramarine	ultramarine	#120A8F
ultramarineblue	ultramarineblue	#4166F5
ultrapink	ultrapink	#FF6FFF
umber	umber	#635147
unitednationsblue	unitednationsblue	#5B92E5
unmellowyellow	unmellowyellow	#FFFF66
upforestgreen	upforestgreen	#014421
upmaroon	upmaroon	#7B1113
upsdellred	upsdellred	#AE2029
urobin	urobin	#E1AD21
usccardinal	usccardinal	#990000
uscgold	uscgold	#FFCC00
utahcrimson	utahcrimson	#D3003F
vanilla	vanilla	#F3E5AB
vegasgold	vegasgold	#C5B358
venetianred	venetianred	#C80815
verdigris	verdigris	#43B3AE
vermillion	vermillion	#E34234
veronica	veronica	#A020F0
violet	violet	#8F00FF
viridian	viridian	#40826D
vividauburn	vividauburn	#922724
vividburgundy	vividburgundy	#9F1D35
vividcerise	vividcerise	#DA1D81
vividtangerine	vividtangerine	#FFA089
vividviolet	vividviolet	#9F00FF
warmblack	warmblack	#004242
wenge	wenge	#645452
wheat	wheat	#F5DEB3
white		#FFFFFF
whitesmoke	whitesmoke	#F5F5F5
wildblueyonder	wildblueyonder	#A2ADD0
wildstrawberry	wildstrawberry	#FF43A4
wildwatermelon	wildwatermelon	#FC6C85
wisteria	wisteria	#C9A0DC
xanadu	xanadu	#738678
yaleblue	yaleblue	#0F4D92

Color.Name	Color	Hex.Code
yellow	yellow	#FFFF00
yellow-green	yellow-green	#9ACD32
zaffre	zaffre	#0014A8
zinnwalditebrown	zinnwalditebrown	#2C1608

Valid HTML Colors

```
possible_colors <- valid_colors(method = "html")

possible_colors %>%
  mutate(
    `Color` =
      color_vctr(
        possible_colors$`Color Name`,
        text_color = possible_colors$`Color Name`
      ),
    `Hex Code` =
      color_vctr(
        paste0("\\\\",possible_colors$`Hex Code`),
        background = possible_colors$`Hex Code`
      )
  ) %>%
  select(`Color Name`, Color, `Hex Code`) %>%
  data.frame() %>%
  format() %>%
  kable(escape = FALSE)
```

Color.Name	Color	Hex.Code
aliceblue	aliceblue	#F0F8FF
antiquewhite	antiquewhite	#FAEBD7
aqua	aqua	#00FFFF
aquamarine	aquamarine	#7FFFD4
azure	azure	#F0FFFF
beige	beige	#F5F5DC
bisque	bisque	#FFE4C4
black	black	
blanchedalmond	blanchedalmond	#FFEBCD
blue	blue	#0000FF
blueviolet	blueviolet	#8A2BE2
brown	brown	#A52A2A
burlywood	burlywood	#DEB887
cadetblue	cadetblue	#5F9EA0
chartreuse	chartreuse	#7FFF00
chocolate	chocolate	#D2691E
coral	coral	#FF7F50
cornflowerblue	cornflowerblue	#6495ED

Color.Name	Color	Hex.Code
cornsilk	cornsilk	#FFF8DC
crimson	crimson	#DC143C
cyan	cyan	#00FFFF
darkblue	darkblue	#00008B
darkcyan	darkcyan	#008B8B
darkgoldenrod	darkgoldenrod	#B8860B
darkgray	darkgray	#A9A9A9
darkgrey	darkgrey	#A9A9A9
darkgreen	darkgreen	#006400
darkkhaki	darkkhaki	#BDB76B
darkmagenta	darkmagenta	#8B008B
darkolivegreen	darkolivegreen	#556B2F
darkorange	darkorange	#FF8C00
darkorchid	darkorchid	#9932CC
darkred	darkred	#8B0000
darksalmon	darksalmon	#E9967A
darkseagreen	darkseagreen	#8FBC8F
darkslateblue	darkslateblue	#483D8B
darkslategray	darkslategray	#2F4F4F
darkslategrey	darkslategrey	#2F4F4F
darkturquoise	darkturquoise	#00CED1
darkviolet	darkviolet	#9400D3
deeppink	deeppink	#FF1493
deepskyblue	deepskyblue	#00BFFF
dimgray	dimgray	#696969
dimgrey	dimgrey	#696969
dodgerblue	dodgerblue	#1E90FF
firebrick	firebrick	#B22222
floralwhite	floralwhite	#FFFAF0
forestgreen	forestgreen	#228B22
fuchsia	fuchsia	#FF00FF
gainsboro	gainsboro	#DCDCDC
ghostwhite	ghostwhite	#F8F8FF
gold	gold	#FFD700
goldenrod	goldenrod	#DAA520
gray	gray	#808080
grey	grey	#808080
green	green	#008000
greenyellow	greenyellow	#ADFF2F
honeydew	honeydew	#F0FFF0
hotpink	hotpink	#FF69B4
indianred	indianred	#CD5C5C

Color.Name	Color	Hex.Code
indigo	indigo	#4B0082
ivory	ivory	#FFFFFF0
khaki	khaki	#F0E68C
lavender	lavender	#E6E6FA
lavenderblush	lavenderblush	#FFF0F5
lawngreen	lawngreen	#7CFC00
lemonchiffon	lemonchiffon	#FFFACD
lightblue	lightblue	#ADD8E6
lightcoral	lightcoral	#F08080
lightcyan	lightcyan	#E0FFFF
lightgoldenrodyellow	lightgoldenrodyellow	#FAFAD2
lightgray	lightgray	#D3D3D3
lightgrey	lightgrey	#D3D3D3
lightgreen	lightgreen	#90EE90
lightpink	lightpink	#FFB6C1
lightsalmon	lightsalmon	#FFA07A
lightseagreen	lightseagreen	#20B2AA
lightskyblue	lightskyblue	#87CEFA
lightslategray	lightslategray	#778899
lightslategrey	lightslategrey	#778899
lightsteelblue	lightsteelblue	#B0C4DE
lightyellow	lightyellow	#FFFFE0
lime	lime	#00FF00
limegreen	limegreen	#32CD32
linen	linen	#FAF0E6
magenta	magenta	#FF00FF
maroon	maroon	#800000
mediumaquamarine	mediumaquamarine	#66CDAA
mediumblue	mediumblue	#0000CD
mediumorchid	mediumorchid	#BA55D3
mediumpurple	mediumpurple	#9370DB
mediumseagreen	mediumseagreen	#3CB371
mediumslateblue	mediumslateblue	#7B68EE
mediumspringgreen	mediumspringgreen	#00FA9A
mediumturquoise	mediumturquoise	#48D1CC
mediumvioletred	mediumvioletred	#C71585
midnightblue	midnightblue	#191970
mintcream	mintcream	#F5FFFA
mistyrose	mistyrose	#FFE4E1
moccasin	moccasin	#FFE4B5
navajowhite	navajowhite	#FFDEAD
navy	navy	#000080

Color.Name	Color	Hex.Code
oldlace	oldlace	#FDF5E6
olive	olive	#808000
olivedrab	olivedrab	#6B8E23
orange	orange	#FFA500
orangered	orangered	#FF4500
orchid	orchid	#DA70D6
palegoldenrod	palegoldenrod	#EEE8AA
palegreen	palegreen	#98FB98
palerturquoise	palerturquoise	#AFEEEE
palevioletred	palevioletred	#DB7093
papayawhip	papayawhip	#FFD5D5
peachpuff	peachpuff	#FFDAB9
peru	peru	#CD853F
pink	pink	#FFC0CB
plum	plum	#DDA0DD
powderblue	powderblue	#B0E0E6
purple	purple	#800080
rebeccapurple	rebeccapurple	#663399
red	red	#FF0000
rosybrown	rosybrown	#BC8F8F
royalblue	royalblue	#4169E1
saddlebrown	saddlebrown	#8B4513
salmon	salmon	#FA8072
sandybrown	sandybrown	#F4A460
seagreen	seagreen	#2E8B57
seashell	seashell	#FFF5EE
sienna	sienna	#A0522D
silver	silver	#C0C0C0
skyblue	skyblue	#87CEEB
slateblue	slateblue	#6A5ACD
slategray	slategray	#708090
slategrey	slategrey	#708090
snow	snow	#FFFAFA
springgreen	springgreen	#00FF7F
steelblue	steelblue	#4682B4
tan	tan	#D2B48C
teal	teal	#008080
thistle	thistle	#D8BFD8
tomato	tomato	#FF6347
turquoise	turquoise	#40E0D0
violet	violet	#EE82EE
wheat	wheat	#F5DEB3

Color.Name	Color	Hex.Code
white		#FFFFFF
whitesmoke	whitesmoke	#F5F5F5
yellow	yellow	#FFFF00
yellowgreen	yellowgreen	#9ACD32

Color Scales

```
color_vctr(1:10, text_color = color_scale("Blues"))
```

1 2 3 4 5 6 7 8 9 10

```
color_vctr(factor(1:20), text_color = color_scale(palette = colorRamp(c(
  "blue", "yellow", "red"
))))
```

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20