Named colors in matplotlib

Asked 6 years, 4 months ago Active 2 years ago Viewed 369k times

262

209

What named colors are available in matplotlib for use in plots? I can find a list on the matplotlib documentation that claims that these are the only names:

```
b: blue
g: green
r: red
c: cyan
m: magenta
y: yellow
k: black
w: white
```

However, I've found that these colors can also be used, at least in this context:

```
scatter(X,Y, color='red')
scatter(X,Y, color='orange')
scatter(X,Y, color='darkgreen')
```

but these are not on the above list. Does anyone know an exhaustive list of the named colors that are available?

python matplotlib colors Edit tags

edited Apr 18 '16 at 8:08
Mathias711
6,003 4 32 50

asked Mar 14 '14 at 14:45
T.C. Proctor
4,568 4 23 30

4 Basically, it's all of the HTML color names, so you can always just google "HTML colors" if you want several nice charts. @BoshWash's excellent answer below gives you the exact list, though. – Joe Kington Mar 14 '14 at 15:26

14 There's also this nice picture at matplotlib.org – user2379410 May 9 '15 at 10:41

That is a nice picture, I probably should have noticed it. To be fair, it was first posted a month before I posted this question, and I'm pretty sure I searched through the docs many times before then for the answer to this question. – T.C. Proctor Feb 5 '16 at 14:51

5 Answers

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311

I constantly forget the names of the colors I want to use and keep coming back to this question =)

The previous answers are great, but I find it a bit difficult to get an overview of the available colors from the posted image. I prefer the colors to be grouped with similar colors, so I slightly tweaked the matplotlib answer that was mentioned in a comment above to get a color list

sorted in columns. The order is not identical to how I would sort by eye, but I think it gives a good overview.

I updated the image and code to reflect that 'rebeccapurple' has been added and the three sage colors have been moved under the 'xkcd:' prefix since I posted this answer originally.

I really didn't change much from the matplotlib example, but here is the code for completeness.

```
import matplotlib.pyplot as plt
from matplotlib import colors as mcolors


colors = dict(mcolors.BASE_COLORS, **mcolors.CSS4_COLORS)

# Sort colors by hue, saturation, value and name.
by_hsv = sorted((tuple(mcolors.rgb_to_hsv(mcolors.to_rgba(color)[:3])), name)
                for name, color in colors.items())
sorted_names = [name for hsv, name in by_hsv]

n = len(sorted_names)
ncols = 4
nrows = n // ncols

fig, ax = plt.subplots(figsize=(12, 10))
```

```
# Get height and width
X, Y = fig.get_dpi() * fig.get_size_inches()
h = Y / (nrows + 1)
w = X / ncols

for i, name in enumerate(sorted_names):
    row = i % nrows
    col = i // nrows
    y = Y - (row * h) - h

    xi_line = w * (col + 0.05)
    xf_line = w * (col + 0.25)
    xi_text = w * (col + 0.3)

    ax.text(xi_text, y, name, fontsize=(h * 0.8),
            horizontalalignment='left',
            verticalalignment='center')

    ax.hlines(y + h * 0.1, xi_line, xf_line,
              color=colors[name], linewidth=(h * 0.8))

ax.set_xlim(0, X)
ax.set_ylim(0, Y)
ax.set_axis_off()

fig.subplots_adjust(left=0, right=1,
                    top=1, bottom=0,
                    hspace=0, wspace=0)
plt.show()
```

Additional named colors

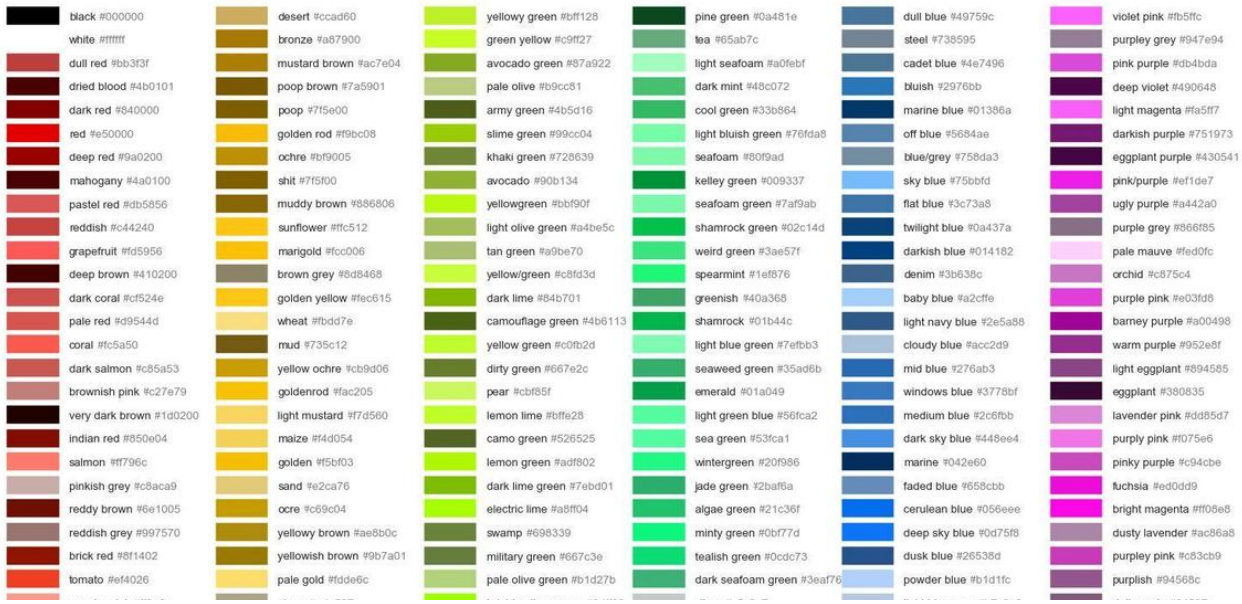
Updated 2017-10-25. I merged my previous updates into this section.

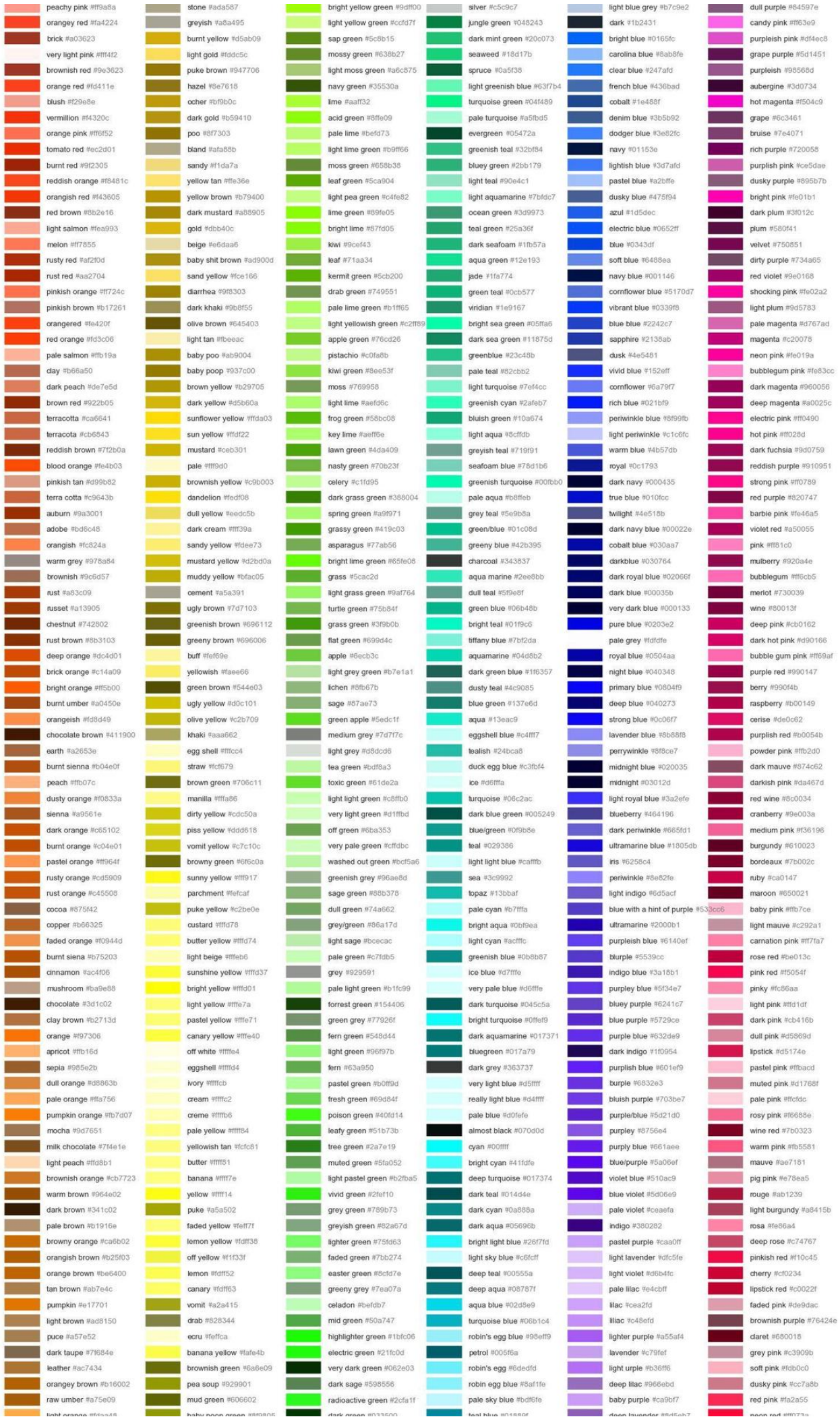
xkcd

If you would like to use additional named colors when plotting with matplotlib, you can use the [xkcd crowdsourced color names](), via the 'xkcd:' prefix:

```
plt.plot([1,2], lw=4, c='xkcd:baby poop green')
```

Now you have access to a plethora of named colors!




peachy pink #ff9a8a
orangey red #fa4224
brick #a03623
very light pink #fff4f2
brownish red #9e3623
orange red #fd411e
blush #f29e8e
vermillion #f4320c
orange pink #ff6f52
tomato red #ec2d01
burnt red #9f2305
reddish orange #f8481c
orangish red #f43605
red brown #8b2e16
light salmon #fea993
melon #ff7855
rusty red #af2f0d
rust red #aa2704
pinkish orange #ff724c
pinkish brown #b17261
orangered #fe420f
red orange #fd3c06
pale salmon #ffb19a
clay #b66a50
dark peach #de7e5d
brown red #922b05
terracotta #ca6641
terracota #cb6843
reddish brown #7f2b0a
blood orange #fe4b03
pinkish tan #d99b82
terra cotta #c9643b
auburn #9a3001
adobe #bd6c48
orangish #fc824a
warm grey #978a84
brownish #9c6d57
rust #a83c09
russet #a13905
chestnut #742802
rust brown #8b3103
deep orange #dc4d01
brick orange #c14a09
bright orange #ff5b00
burnt umber #a0450e
orangeish #fd8d49
chocolate brown #411900
earth #a2653e
burnt sienna #b04e0f
peach #ffb07c
dusty orange #f0833a
sienna #a9561e
dark orange #c65102
burnt orange #c04e01
pastel orange #ff964f
rusty orange #cd5909
rust orange #c45508
cocoa #875f42
copper #b66325
faded orange #f0944d
burnt siena #b75203
cinnamon #ac4f06
mushroom #ba9e88
chocolate #3d1c02
clay brown #b2713d
orange #f97306
apricot #ffb16d
sepia #985e2b
dull orange #d8863b
pale orange #ffa756
pumpkin orange #fb7d07
mocha #9d7651
milk chocolate #7f4e1e
light peach #ffd8b1
brownish orange #cb7723
warm brown #964e02
dark brown #341c02
pale brown #b1916e
browny orange #ca6b02
orangish brown #b25f03
orange brown #be6400
tan brown #ab7e4c
pumpkin #e17701
light brown #ad8150
puce #a57e52
dark taupe #7f684e
leather #ac7434
orangey brown #b16002
raw umber #a75e09
stone #ada587
greyish #a8a495
burnt yellow #d5ab09
light gold #fddc5c
puke brown #947706
hazel #8e7618
ocher #bf9b0c
dark gold #b59410
poo #8f7303
bland #afa88b
sandy #f1da7a
yellow tan #ffe36e
yellow brown #b79400
dark mustard #a88905
gold #dbb40c
beige #e6daa6
baby shit brown #ad900d
sand yellow #fce166
diarrhea #9f8303
dark khaki #9b8f55
olive brown #645403
light tan #fbeeac
baby poo #ab9004
baby poop #937c00
brown yellow #b29705
dark yellow #d5b60a
sunflower yellow #ffda03
sun yellow #ffdf22
mustard #ceb301
pale #fff9d0
brownish yellow #c9b003
dandelion #fedf08
dull yellow #eedc5b
dark cream #fff39a
sandy yellow #fdee73
mustard yellow #d2bd0a
muddy yellow #bfac05
cement #a5a391
ugly brown #7d7103
greenish brown #696112
greeny brown #696006
buff #fef69e
yellowish #faee66
green brown #544e03
ugly yellow #d0c101
olive yellow #c2b709
khaki #aaa662
egg shell #fffcc4
straw #fcf679
brown green #706c11
manilla #fffa86
dirty yellow #cdc50a
piss yellow #ddd618
vomit yellow #c7c10c
browny green #6f6c0a
sunny yellow #fff917
parchment #fefcaf
puke yellow #c2be0e
custard #fffd78
butter yellow #fffd74
light beige #fffeb6
sunshine yellow #fffd37
bright yellow #fffd01
light yellow #fffe7a
pastel yellow #fffe71
canary yellow #fffe40
off white #ffffe4
eggshell #ffffd4
ivory #ffffcb
cream #ffffc2
creme #ffffb6
pale yellow #ffffd4
yellowish tan #fcfc81
butter #ffff81
banana #ffff7e
yellow #ffff14
puke #a5a502
faded yellow #feff7f
lemon yellow #fdff38
off yellow #f1f33f
lemon #fdff52
canary #fdff63
vomit #a2a415
drab #828344
ecru #feffca
banana yellow #fafe4b
brownish green #6a6e09
pea soup #929901
mud green #606602
bright yellow green #9dff00
light yellow green #ccfd7f
sap green #5c8b15
mossy green #638b27
light moss green #a6c875
navy green #35530a
lime #aaff32
acid green #8ffe09
pale lime #befd73
light lime green #b9ff66
moss green #658b38
leaf green #5ca904
light pea green #c4fe82
lime green #89fe05
bright lime #87fd05
kiwi #9cef43
leaf #71aa34
kermit green #5cb200
drab green #749551
pale lime green #b1ff65
light yellowish green #c2ff89
apple green #76cd26
pistachio #c0fa8b
kiwi green #8ee53f
moss #769958
light lime #aefd6c
frog green #58bc08
key lime #aeff6e
lawn green #4da409
nasty green #70b23f
celery #c1fd95
dark grass green #388004
spring green #a9f971
grassy green #419c03
asparagus #77ab56
bright lime green #65fe08
grass #5cac2d
light grass green #9af764
turtle green #75b84f
grass green #3f9b0b
flat green #699d4c
apple #6ecb3c
light grey green #b7e1a1
lichen #8fb67b
sage #87ae73
green apple #5edc1f
medium grey #7d7f7c
light grey #d8dcd6
tea green #bdf8a3
toxic green #61de2a
light light green #c8ffb0
very light green #d1ffbd
off green #6ba353
very pale green #cffdbc
washed out green #bcf5a6
greenish grey #96ae8d
sage green #88b378
dull green #74a662
grey/green #86a17d
light sage #bcecac
pale green #c7fdb5
grey #929591
pale light green #b1fc99
forrest green #154406
green grey #77926f
fern green #548d44
light green #96f97b
fern #63a950
pastel green #b0ff9d
fresh green #69d84f
poison green #40fd14
leafy green #51b73b
tree green #2a7e19
muted green #5fa052
light pastel green #b2fba5
vivid green #2fef10
grey green #789b73
greyish green #82a67d
lighter green #75fd63
faded green #7bb274
easter green #8cfd7e
greeny grey #7ea07a
celadon #befdb7
mid green #50a747
highlighter green #1bfc06
electric green #21fc0d
very dark green #062e03
dark sage #598556
radioactive green #2cfa1f
silver #c5c9c7
jungle green #048243
dark mint green #20c073
seaweed #18d17b
spruce #0a5f38
light greenish blue #63f7b4
turquoise green #04f489
pale turquoise #a5fbd5
evergreen #05472a
greenish teal #32bf84
bluey green #2bb179
light teal #90e4c1
light aquamarine #7bfdc7
ocean green #3d9973
teal green #25a36f
dark seafoam #1fb57a
aqua green #12e193
jade #1fa774
green teal #0cb577
viridian #1e9167
bright sea green #05ffa6
dark sea green #11875d
greenblue #23c48b
pale teal #82cbb2
light turquoise #7ef4cc
greenish cyan #2afeb7
bluish green #10a674
light aqua #8cffdb
greyish teal #719f91
seafoam blue #78d1b6
greenish turquoise #00fbb0
pale aqua #b8ffeb
grey teal #5e9b8a
green/blue #01c08d
greeny blue #42b395
charcoal #343837
aqua marine #2ee8bb
dull teal #5f9e8f
green blue #06b48b
bright teal #01f9c6
tiffany blue #7bf2da
aquamarine #04d8b2
dark green blue #1f6357
dusty teal #4c9085
blue green #137e6d
aqua #13eac9
eggshell blue #c4fff7
tealish #24bca8
duck egg blue #c3fbf4
ice #d6fffa
turquoise #06c2ac
dark blue green #005249
blue/green #0f9b8e
teal #029386
light light blue #cafffb
sea #3c9992
topaz #13bbaf
pale cyan #b7fffa
bright aqua #0bf9ea
light cyan #acfffc
greenish blue #0b8b87
ice blue #d7fffe
very pale blue #d6fffe
dark turquoise #045c5a
bright turquoise #0ffef9
dark aquamarine #017371
bluegreen #017a79
dark grey #363737
very light blue #d5ffff
really light blue #d4ffff
pale blue #d0fefe
almost black #070d0d
cyan #00ffff
bright cyan #41fdfe
deep turquoise #017374
dark teal #014d4e
dark cyan #0a888a
dark aqua #05696b
bright light blue #26f7fd
light sky blue #c6fcff
deep teal #00555a
deep aqua #08787f
aqua blue #02d8e9
turquoise blue #06b1c4
robin's egg blue #98eff9
petrol #005f6a
robin's egg #6dedfd
robin egg blue #8af1fe
pale sky blue #bdf6fe
light blue grey #b7c9e2
dark #1b2431
bright blue #0165fc
carolina blue #8ab8fe
clear blue #247afd
french blue #436bad
cobalt #1e488f
denim blue #3b5b92
dodger blue #3e82fc
navy #01153e
lightish blue #3d7afd
pastel blue #a2bffe
dusky blue #475f94
azul #1d5dec
electric blue #0652ff
blue #0343df
soft blue #6488ea
navy blue #001146
cornflower blue #5170d7
vibrant blue #0339f8
blue blue #2242c7
sapphire #2138ab
dusk #4e5481
vivid blue #152eff
cornflower #6a79f7
rich blue #021bf9
periwinkle blue #8f99fb
light periwinkle #c1c6fc
warm blue #4b57db
royal #0c1793
dark navy #000435
true blue #010fcc
twilight #4e518b
dark navy blue #00022e
cobalt blue #030aa7
darkblue #030764
dark royal blue #02066f
dark blue #00035b
very dark blue #000133
pure blue #0203e2
pale grey #fdfdfe
royal blue #0504aa
night blue #040348
primary blue #0804f9
deep blue #040273
strong blue #0c06f7
lavender blue #8b88f8
perrywinkle #8f8ce7
midnight blue #020035
midnight #03012d
light royal blue #3a2efe
blueberry #464196
dark periwinkle #665fd1
ultramarine blue #1805db
iris #6258c4
periwinkle #8e82fe
light indigo #6d5acf
blue with a hint of purple #533cc6
ultramarine #2000b1
purpleish blue #6140ef
blurple #5539cc
indigo blue #3a18b1
purpley blue #5f34e7
bluey purple #6241c7
blue purple #5729ce
purple blue #632de9
dark indigo #1f0954
purplish blue #601ef9
burple #6832e3
bluish purple #703be7
purple/blue #5d21d0
purpley #8756e4
purply blue #661aee
blue/purple #5a06ef
violet blue #510ac9
blue violet #5d06e9
pale violet #ceaefa
indigo #380282
pastel purple #caa0ff
light lavender #dfc5fe
light violet #d6b4fc
pale lilac #e4cbff
lilac #cea2fd
liliac #c48efd
lighter purple #a55af4
lavender #c79fef
light urple #b36ff6
deep lilac #966ebd
baby purple #ca9bf7
dull purple #84597e
candy pink #ff63e9
purpleish pink #df4ec8
grape purple #5d1451
purpleish #98568d
aubergine #3d0734
hot magenta #f504c9
grape #6c3461
bruise #7e4071
rich purple #720058
purplish pink #ce5dae
dusky purple #895b7b
bright pink #fe01b1
dark plum #3f012c
plum #580f41
velvet #750851
dirty purple #734a65
red violet #9e0168
shocking pink #fe02a2
light plum #9d5783
pale magenta #d767ad
magenta #c20078
neon pink #fe019a
bubblegum pink #fe83cc
dark magenta #960056
deep magenta #a0025c
electric pink #ff0490
hot pink #ff028d
dark fuchsia #9d0759
reddish purple #910951
strong pink #ff0789
red purple #820747
barbie pink #fe46a5
violet red #a50055
pink #ff81c0
mulberry #920a4e
bubblegum #ff6cb5
merlot #730039
wine #80013f
deep pink #cb0162
dark hot pink #d90166
bubble gum pink #ff69af
purple red #990147
berry #990f4b
raspberry #b00149
cerise #de0c62
purplish red #b0054b
powder pink #ffb2d0
dark mauve #874c62
darkish pink #da467d
red wine #8c0034
cranberry #9e003a
medium pink #f36196
burgundy #610023
bordeaux #7b002c
ruby #ca0147
maroon #650021
baby pink #ffb7ce
light mauve #c292a1
carnation pink #ff7fa7
rose red #be013c
pink red #f5054f
pinky #fc86aa
light pink #ffd1df
dark pink #cb416b
dull pink #d5869d
lipstick #d5174e
pastel pink #ffbacd
muted pink #d1768f
pale pink #ffcfdc
rosy pink #f6688e
wine red #7b0323
warm pink #fb5581
mauve #ae7181
pig pink #e78ea5
rouge #ab1239
light burgundy #a8415b
rosa #fe86a4
deep rose #c74767
pinkish red #f10c45
cherry #cf0234
lipstick red #c0022f
faded pink #de9dac
brownish purple #76424e
claret #680018
grey pink #c3909b
soft pink #fdb0c0
dusky pink #cc7a8b
red pink #fa2a55

Tableau

The default Tableau colors are available in matplotlib via the 'tab:' prefix:

```
plt.plot([1,2], lw=4, c='tab:green')
```

There are ten distinct colors:

HTML

You can also plot colors by their HTML hex code:

```
plt.plot([1,2], lw=4, c='#8f9805')
```

This is more similar to specifying and RGB tuple rather than a named color (apart from the fact that the hex code is passed as a string), and I will not include an image of the 16 million

colors you can choose from...

For more details, please refer to the matplotlib colors documentation and the source file specifying the available colors, `_color_data.py` .

edited Jul 14 '18 at 22:55

answered May 14 '16 at 23:02

joelostblom
19.3k 8 89 101

Thanks for the plot! Out of curiosity, is 'y' really different from 'yellow'? The first plot has them as different colors. – ComputerScientist Jul 26 '16 at 14:01

1 @ComputerScientist Yes, according to this Github issue and the linked mailling list discussion, the single letter colors were assigned RBG values based on their Matlab counterpart, while the full name correspond to the HTML colors. Matlab single letter colors currently also follows the HTML standard, so I am not sure if that is a recent Matlab change or if the matplotlib single letter colors were tweaked/chosen for reasons such as visibility, which was also mentioned in the discussions. – joelostblom Aug 1 '16 at 23:12

@AdrianTorrie: you could award a bounty of your own choosing as an additional 'Thanks' ! A bounty award super-highlights this answer, and gives answerer additional points. – SherylHohman Jun 18 '17 at 22:35

Thanks for keeping this up to date! – JakeCowton Sep 11 '17 at 14:16

@joelostblom, in the plot of the xkcd colors, how did you get the hex codes to display in grey, beside the color name (in black)? – MMelnicki Apr 25 '19 at 18:24

|

11

To get a full list of colors to use in plots:

```
import matplotlib.colors as colors
colors_list = list(colors._colors_full_map.values())
```

So, you can use in that way quickly:

```
scatter(X,Y, color=colors_list[0])
scatter(X,Y, color=colors_list[1])
scatter(X,Y, color=colors_list[2])
...
scatter(X,Y, color=colors_list[-1])
```

answered Feb 17 '18 at 20:40

jnfran92
168 5 9

315

Matplotlib uses a dictionary from its colors.py module.

To print the names use:

```
# python2:
```

```
import matplotlib
for name, hex in matplotlib.colors.cnames.iteritems():
    print(name, hex)

# python3:

import matplotlib
for name, hex in matplotlib.colors.cnames.items():
    print(name, hex)
```

This is the complete dictionary:

```
cnames = {
'aliceblue':            '#F0F8FF',
'antiquewhite':         '#FAEBD7',
'aqua':                 '#00FFFF',
'aquamarine':           '#7FFFD4',
'azure':                '#F0FFFF',
'beige':                '#F5F5DC',
'bisque':               '#FFE4C4',
'black':                '#000000',
'blanchedalmond':       '#FFEBCD',
'blue':                 '#0000FF',
'blueviolet':           '#8A2BE2',
'brown':                '#A52A2A',
'burlywood':            '#DEB887',
'cadetblue':            '#5F9EA0',
'chartreuse':           '#7FFF00',
'chocolate':            '#D2691E',
'coral':                '#FF7F50',
'cornflowerblue':       '#6495ED',
'cornsilk':             '#FFF8DC',
'crimson':              '#DC143C',
'cyan':                 '#00FFFF',
'darkblue':             '#00008B',
'darkcyan':             '#008B8B',
'darkgoldenrod':        '#B8860B',
'darkgray':             '#A9A9A9',
'darkgreen':            '#006400',
'darkkhaki':            '#BDB76B',
'darkmagenta':          '#8B008B',
'darkolivegreen':       '#556B2F',
'darkorange':           '#FF8C00',
'darkorchid':           '#9932CC',
'darkred':              '#8B0000',
'darksalmon':           '#E9967A',
'darkseagreen':         '#8FBC8F',
'darkslateblue':        '#483D8B',
'darkslategray':        '#2F4F4F',
'darkturquoise':        '#00CED1',
'darkviolet':           '#9400D3',
'deeppink':             '#FF1493',
'deepskyblue':          '#00BFFF',
'dimgray':              '#696969',
'dodgerblue':           '#1E90FF',
'firebrick':            '#B22222',
'floralwhite':          '#FFFAF0',
'forestgreen':          '#228B22',
'fuchsia':              '#FF00FF',
'gainsboro':            '#DCDCDC',
'ghostwhite':           '#F8F8FF',
'gold':                 '#FFD700',
'goldenrod':            '#DAA520',
'gray':                 '#808080',
'green':                '#008000',
'greenyellow':          '#ADFF2F',
'honeydew':             '#F0FFF0',
'hotpink':              '#FF69B4',
```

```
        'indianred':            '#CD5C5C',
        'indigo':               '#4B0082',
        'ivory':                '#FFFFF0',
        'khaki':                '#F0E68C',
        'lavender':             '#E6E6FA',
        'lavenderblush':        '#FFF0F5',
        'lawngreen':            '#7CFC00',
        'lemonchiffon':         '#FFFACD',
        'lightblue':            '#ADD8E6',
        'lightcoral':           '#F08080',
        'lightcyan':            '#E0FFFF',
        'lightgoldenrodyellow': '#FAFAD2',
        'lightgreen':           '#90EE90',
        'lightgray':            '#D3D3D3',
        'lightpink':            '#FFB6C1',
        'lightsalmon':          '#FFA07A',
        'lightseagreen':        '#20B2AA',
        'lightskyblue':         '#87CEFA',
        'lightslategray':       '#778899',
        'lightsteelblue':       '#B0C4DE',
        'lightyellow':          '#FFFFE0',
        'lime':                 '#00FF00',
        'limegreen':            '#32CD32',
        'linen':                '#FAF0E6',
        'magenta':              '#FF00FF',
        'maroon':               '#800000',
        'mediumaquamarine':     '#66CDAA',
        'mediumblue':           '#0000CD',
        'mediumorchid':         '#BA55D3',
        'mediumpurple':         '#9370DB',
        'mediumseagreen':       '#3CB371',
        'mediumslateblue':      '#7B68EE',
        'mediumspringgreen':    '#00FA9A',
        'mediumturquoise':      '#48D1CC',
        'mediumvioletred':      '#C71585',
        'midnightblue':         '#191970',
        'mintcream':            '#F5FFFA',
        'mistyrose':            '#FFE4E1',
        'moccasin':             '#FFE4B5',
        'navajowhite':          '#FFDEAD',
        'navy':                 '#000080',
        'oldlace':              '#FDF5E6',
        'olive':                '#808000',
        'olivedrab':            '#6B8E23',
        'orange':               '#FFA500',
        'orangered':            '#FF4500',
        'orchid':               '#DA70D6',
        'palegoldenrod':        '#EEE8AA',
        'palegreen':            '#98FB98',
        'paleturquoise':        '#AFEEEE',
        'palevioletred':        '#DB7093',
        'papayawhip':           '#FFEFD5',
        'peachpuff':            '#FFDAB9',
        'peru':                 '#CD853F',
        'pink':                 '#FFC0CB',
        'plum':                 '#DDA0DD',
        'powderblue':           '#B0E0E6',
        'purple':               '#800080',
        'red':                  '#FF0000',
        'rosybrown':            '#BC8F8F',
        'royalblue':            '#4169E1',
        'saddlebrown':          '#8B4513',
        'salmon':               '#FA8072',
        'sandybrown':           '#FAA460',
        'seagreen':             '#2E8B57',
        'seashell':             '#FFF5EE',
        'sienna':               '#A0522D',
        'silver':               '#C0C0C0',
        'skyblue':              '#87CEEB',
```

```
'slateblue':            '#6A5ACD',
'slategray':            '#708090',
'snow':                 '#FFFAFA',
'springgreen':          '#00FF7F',
'steelblue':            '#4682B4',
'tan':                  '#D2B48C',
'teal':                 '#008080',
'thistle':              '#D8BFD8',
'tomato':               '#FF6347',
'turquoise':            '#40E0D0',
'violet':               '#EE82EE',
'wheat':                '#F5DEB3',
'white':                '#FFFFFF',
'whitesmoke':           '#F5F5F5',
'yellow':               '#FFFF00',
'yellowgreen':          '#9ACD32'}
```

You could plot them like this:

```
import matplotlib.pyplot as plt
import matplotlib.patches as patches
import matplotlib.colors as colors
import math


fig = plt.figure()
ax = fig.add_subplot(111)

ratio = 1.0 / 3.0
count = math.ceil(math.sqrt(len(colors.cnames)))
x_count = count * ratio
y_count = count / ratio
x = 0
y = 0
w = 1 / x_count
h = 1 / y_count

for c in colors.cnames:
    pos = (x / x_count, y / y_count)
    ax.add_patch(patches.Rectangle(pos, w, h, color=c))
    ax.annotate(c, xy=pos)
    if y >= y_count-1:
        x += 1
        y = 0
    else:
        y += 1

plt.show()
```

edited Dec 15 '16 at 11:01

answered Mar 14 '14 at 14:54

BoshWash
4,582 4 20 43

1 Thanks for the answer, that was exactly what I was looking for. I think in combination with @Joe Kington's comment, pretty much all the bases are covered. – T.C. Proctor Mar 14 '14 at 17:55

Here you can also find the RGB values: flask.sagenb.org/src/plot/colors.py – pceccon Jul 18 '14 at 14:03

If you want a quick look at the visual list of named colors online: matplotlib.org/examples/color/named_colors.html – BallpointBen Mar 21 '18 at 22:37

In addition to BoshWash's answer, here is the picture generated by his code:

145

answered Apr 16 '15 at 13:54

Mathias711
6,003 4 32 50

0

This post is hidden. It was deleted 5 years ago by Bill the Lizard.

This might also be useful to you in case you do not want to plot the colors yourself

http://matplotlib.org/mpl_examples/color/named_colors.pdf

bests

/S

answered Dec 22 '14 at 7:29

Salvatore Cosentino
3,612 3 13 23

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