We're updating the default styles for Matplotlib 2.0

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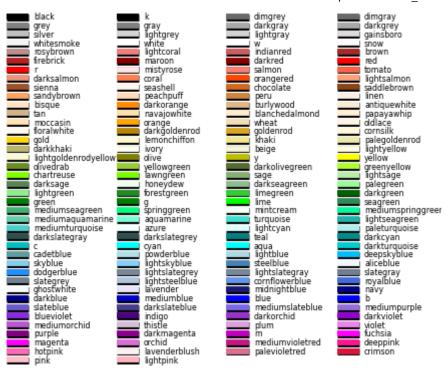
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color example code: named_colors.py

(Source code, png, hires.png, pdf)

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```
for name, rgb in six.iteritems(colors.ColorConverter.colors):
    hex = colors.rgb2hex(rgb)
    colors_.append((name, hex_))
# Transform to hex color values.
hex_ = [color[1] for color in colors_]
# Get the rgb equivalent.
rgb = [colors.hex2color(color) for color in hex ]
# Get the hsv equivalent.
hsv = [colors.rgb_to_hsv(color) for color in rgb]
# Split the hsv values to sort.
hue = [color[0] for color in hsv]
sat = [color[1] for color in hsv]
val = [color[2] for color in hsv]
# Sort by hue, saturation and value.
ind = np.lexsort((val, sat, hue))
sorted colors = [colors [i] for i in ind]
n = len(sorted_colors)
ncols = 4
nrows = int(np.ceil(1. * n / ncols))
fig, ax = plt.subplots()
X, Y = fig.get_dpi() * fig.get_size_inches()
# row height
h = Y / (nrows + 1)
# col width
w = X / ncols
for i, (name, color) in enumerate(sorted_colors):
    col = i % ncols
    row = int(i / ncols)
    y = Y - (row * h) - h
    xi line = w * (col + 0.05)
    xf line = w * (col + 0.25)
    xi text = w * (col + 0.3)
```

Keywords: python, matplotlib, pylab, example, codex (see Search examples)

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