# **Namedtuples**

from collections import namedtuple

# list / tuple

color = (55,155,255) # a tuple of rgb

print(color[0]) # a month later we won’t remember what is color[0],

# a solution in this case might be to use a dictionary

# a dictionary could be useful

color = {'red': 55, 'green': 155, 'blue': 255}

print(color['red']) # a month later we know, what we’re doing

# but, why to prefer dictionaries rather than namedtuple?

# former is immutable, dicks are mutable; later is

# hard to maintain and needs lots of typing.

# namedtuple

Color = namedtuple('Color', ['red', 'green', 'blue'])

color = Color(blue=55,green=155,red=255)

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from collections import namedtuple

# blueprint to create a color variable

Color = namedtuple('Color', ['red', 'green', 'blue'])

color = Color(blue=55, green=155, red=255) # or

color = Color(55, 155, 255)

white = Color(255, 255, 255)

print(color.blue)

~~print(white['red'])~~ # Mumkin nest