

# Converting Colors

Hex(804BC3)

Have a look what the booklet for  
Hex(804BC3) contains.

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# Color

**Hex(804BC3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	804BC3
RGB	128, 75, 195
RGB Percent	50%, 29%, 76%
CMY	0.4980, 0.7059, 0.2353
CMYK	0.34, 0.62, 0.00, 0.24
HSL	266°, 50%, 53%
HSV	266°, 62%, 76%
XYZ	21.2685, 13.5615, 53.1264
YIQ	104.5270, -6.9320, 48.5560

# Conversions

## Conversions Part 2

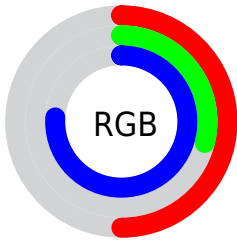
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 75, 195
Decimal	8408003
CIE <sub>Lab</sub>	43.60, 46.67, -54.70
CIE <sub>LCh</sub>	44, 71.901, 310.471
Yxy	13.5615, 0.2418, 0.1542
Android (android.graphics.Color)	4286598083 (0xFF804BC3)
YUV	104.5270, 44.6032, 20.5858
Hunter-Lab	36.8259, 38.6458, -59.7558

# Details

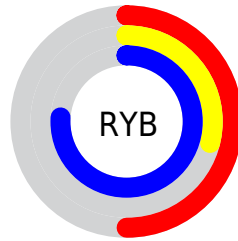
The Hex color **804BC3** is a dark color, and the websafe version is hex **663399**. The color can be described as middle muted purple. A complement of this color would be **8EC34B**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **B97EFC**, and **48198C** is the 20% darker color. If you saturate the color by 10%, you get **7538C3**, and if you desaturate by 10%, it is **8B5FC3**.

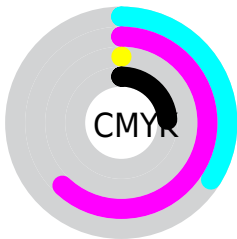
# Distribution



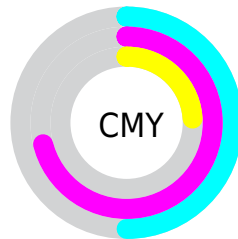
- Red (50%)
- Green (29%)
- Blue (76%)



- Red (50%)
- Yellow (29%)
- Blue (76%)



- Cyan (34%)
- Magenta (62%)
- Yellow (0%)
- Black (24%)



- Cyan (50%)
- Magenta (71%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 804BC3 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 804BC3 by changing the saturation by 10% instead.



■ 804BC3

■ 804BC3

FFFFFF

■ 6432A7

■ B97EFC

■ 48198C

■ D699FF

■ 2B0072

■ F3B4FF

■ 080059

■ FFD0FF

■ 000041

■ FFEDFF

■ 000329

■ 000114

■ 000000

■ 804BC3

■ 804BC3

7538C3

8B5FC3

6A24C3

9672C3

5F11C3

A186C3

5600C3

AC99C3

B6ADC3

C1C0C3

CCD4C3

D7E7C3

E2FBC3

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0068DE



804BC3



BB1F90

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



804BC3



9D5500



00807B

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



804BC3



8EC34B

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



007E3C



804BC3



6B6B00

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



804BC3



C0331A



1E7800



007FB4

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



804BC3



CB0069



1E7800



007F66



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



804BC3



E3CFFC



4B8FC3



706380



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



804BC3



9442FC



BB4BC3



5B5761



4700A1



0F0021



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C34B8E



FC42AA



53C34B



61575D



A1005A

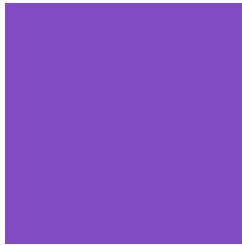


210013



# Previews

## White Background



This preview shows how the Hex color 804BC3 looks on a white background.

## Color Contrast Check

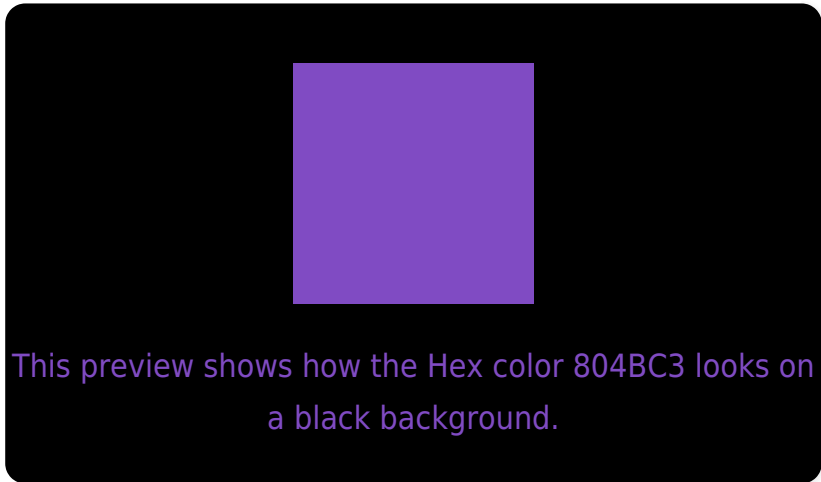
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

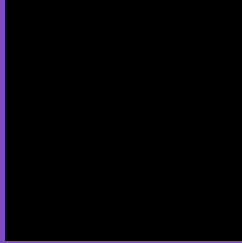
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 804BC3 Background



This preview shows how black text looks on a background with the Hex color 804BC3.

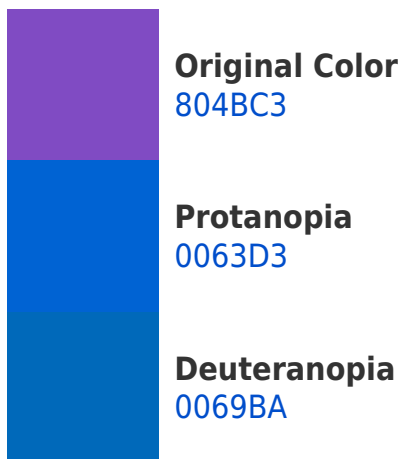


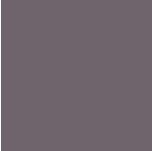
This preview shows how white text looks on a background with the Hex color 804BC3.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

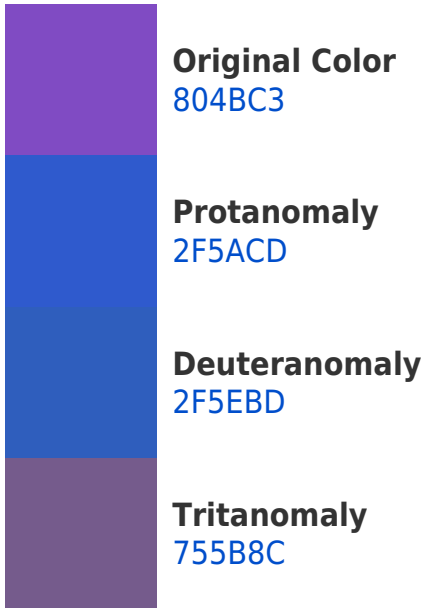
## Dichromacy



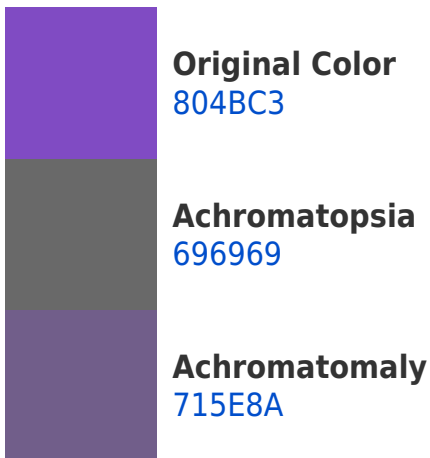


**Tritanopia**  
6F646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 804BC3 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #804BC3 looks like.

```
.text, #text, p{  
    color:#804BC3  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #804BC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804BC3
}
```

## Border

The CSS property to change the border of an element to Hex 804BC3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

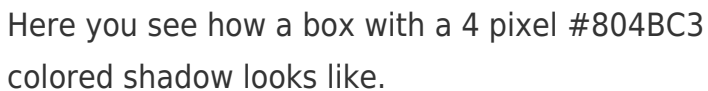
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804BC3 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#804BC3 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #804BC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804BC3; -webkit-box-shadow:4px 4px  
4px 4px #804BC3; box-shadow:4px 4px 4px  
4px #804BC3 }
```

# Background

The CSS property to change the background color of an element to Hex 804BC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804BC3 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#804BC3 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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