

# Converting Colors

Hex(804B7F)

Have a look what the booklet for  
Hex(804B7F) contains.

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# Color

**Hex(804B7F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	804B7F
RGB	128, 75, 127
RGB Percent	50%, 29%, 50%
CMY	0.4980, 0.7059, 0.5020
CMYK	0.00, 0.41, 0.01, 0.50
HSL	301°, 26%, 40%
HSV	301°, 41%, 50%
XYZ	15.2489, 11.1537, 21.4278
YIQ	96.7750, 14.8960, 27.4080

# Conversions

## Conversions Part 2

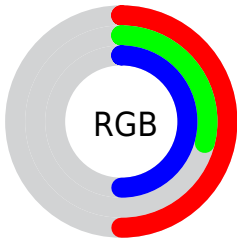
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 75, 127
Decimal	8407935
CIE <sub>Lab</sub>	39.84, 31.01, -20.06
CIE <sub>LCh</sub>	40, 36.930, 327.098
Yxy	11.1537, 0.3188, 0.2332
Android (android.graphics.Color)	4286598015 (0xFF804B7F)
YUV	96.7750, 14.9009, 27.3843
Hunter-Lab	33.3971, 23.0572, -14.6630

# Details

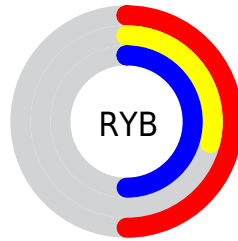
The Hex color **804B7F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4B804C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B67DB4**, and **4D1C4E** is the 20% darker color. If you saturate the color by 10%, you get **803E7F**, and if you desaturate by 10%, it is **80587F**.

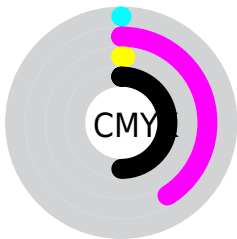
# Distribution



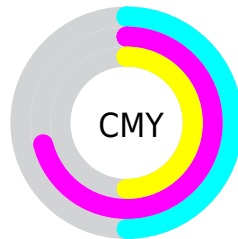
- Red (50%)
- Green (29%)
- Blue (50%)



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



- Cyan (0%)
- Magenta (41%)
- Yellow (1%)
- Black (50%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 804B7F 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 804B7F by changing the saturation by 10% instead.



 804B7F

 804B7F

FFFFFF

 663366

 B67DB4

 4D1C4E

 D298D0

 350337

 EFB3EC

 230022

 FFCEFF

 000006

 FFE8FF

 000000

 804B7F

 804B7F

 803E7F

 80587F

 80317F

 80657F

 80257E

 807180

 80187E

 807E80

 800B7E

 808B80

 80007E

 809880

 80A581

 80B181

 80BE81

# Harmonies

## Analogous

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



5A5794



804B7F



934462

# Triad

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



804B7F



715B1F



006C78

# Complementary

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



804B7F



4B804C

# 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.



006D5A



804B7F



546425

# Square

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



804B7F



88502C



2C6A3C



006990

# Rectangle

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



804B7F



96444E



2C6A3C



006D6F



# Sweetspot

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



804B7F



A692A5



4C4B80



544854



D4D4D4



545454



# Same Dimension

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



804B7F



A653A4



804B65



403940



80007D



000000



# Inverse Universe

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



804B7F



A653A4



4B8066



403940



80007D

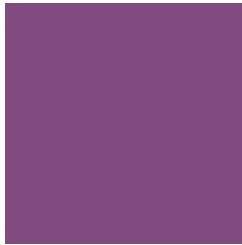


000000



# Previews

## White Background



This preview shows how the Hex color 804B7F looks on a white background.

## Color Contrast Check

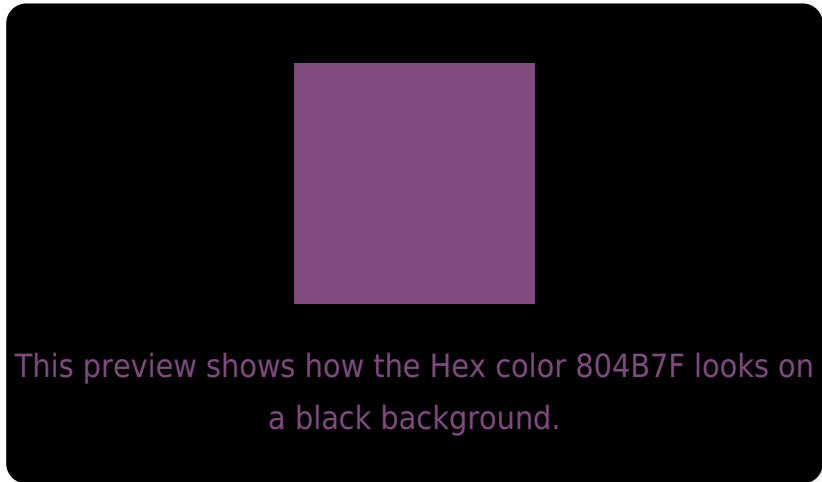
Large Text (above 18pt) WCAG AA ✓ Pass

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

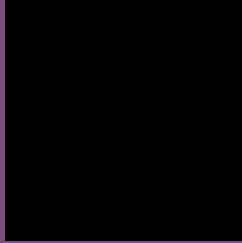
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 804B7F Background



This preview shows how black text looks on a background with the Hex color 804B7F.

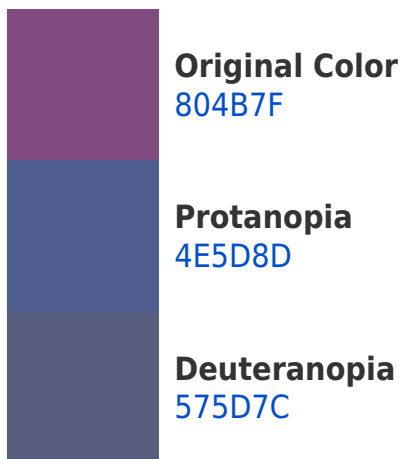


This preview shows how white text looks on a background with the Hex color 804B7F.

# 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](#).

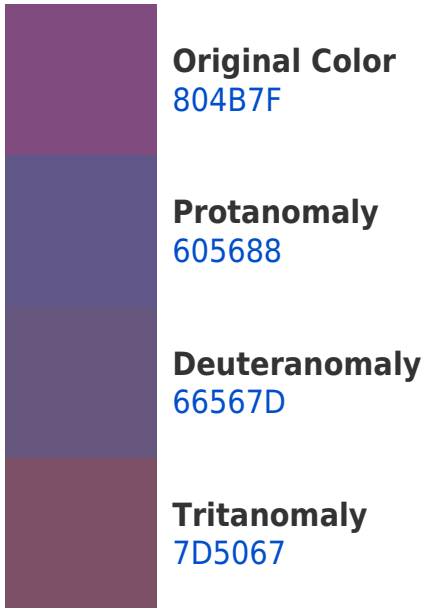
## Dichromacy



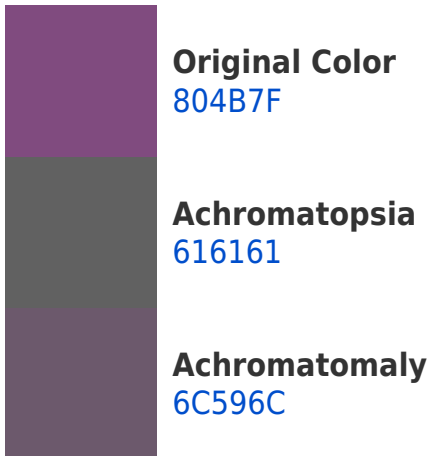


**Tritanopia**  
7B5359

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 804B7F 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 #804B7F looks like.

```
.text, #text, p{  
  color:#804B7F  
}
```

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 #804B7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804B7F
}
```

## Border

The CSS property to change the border of an element to Hex 804B7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

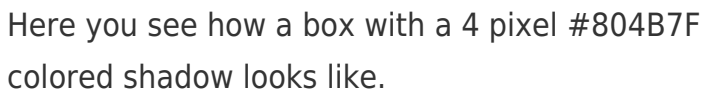
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804B7F }
```

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

```
.border{ border-color:#804B7F }
```

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



Here you see how a box with a 4 pixel #804B7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804B7F; -webkit-box-shadow:4px 4px  
4px 4px #804B7F; box-shadow:4px 4px 4px  
4px #804B7F }
```

# Background

The CSS property to change the background color of an element to Hex 804B7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804B7F }
```

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

```
.background{ background-color:#804B7F }
```

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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