

# Converting Colors

Hex(804CB9)

Have a look what the booklet for  
Hex(804CB9) contains.

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# Color

**Hex(804CB9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	804CB9
RGB	128, 76, 185
RGB Percent	50%, 30%, 73%
CMY	0.4980, 0.7020, 0.2745
CMYK	0.31, 0.59, 0.00, 0.27
HSL	269°, 44%, 51%
HSV	269°, 59%, 73%
XYZ	20.2435, 13.2609, 47.3916
YIQ	103.9740, -3.9970, 44.9230

# Conversions

## Conversions Part 2

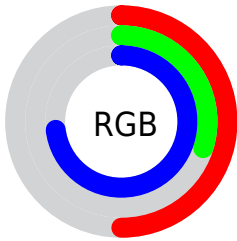
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 76, 185
Decimal	8408249
CIE <sub>Lab</sub>	43.15, 43.62, -49.58
CIE <sub>LCh</sub>	43, 66.040, 311.344
Yxy	13.2609, 0.2502, 0.1639
Android (android.graphics.Color)	4286598329 (0xFF804CB9)
YUV	103.9740, 39.9458, 21.0708
Hunter-Lab	36.4155, 35.5017, -51.6700

# Details

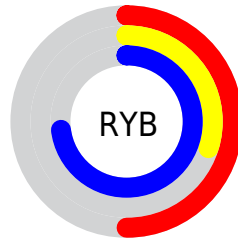
The Hex color **804CB9** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **85B94C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **B87FF2**, and **4A1A83** is the 20% darker color. If you saturate the color by 10%, you get **763AB9**, and if you desaturate by 10%, it is **8A5FB9**.

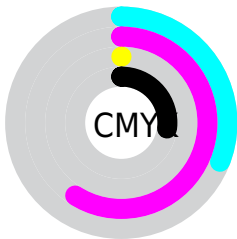
# Distribution



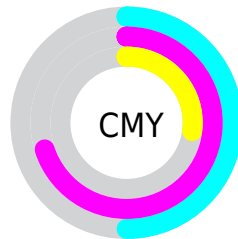
- Red (50%)
- Green (30%)
- Blue (73%)



- Red (50%)
- Yellow (30%)
- Blue (73%)



- Cyan (31%)
- Magenta (59%)
- Yellow (0%)
- Black (27%)



- Cyan (50%)
- Magenta (70%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 804CB9 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 804CB9 by changing the saturation by 10% instead.



 804CB9

 804CB9

FFFFFF

 65339E

 B87FF2

 4A1A83

 D59AFF

 2E0069

 F2B5FF

 120050

 FFD1FF

 000039

 FFEEFF

 000222

 000008

 000000

 804CB9

 804CB9

763AB9

8A5FB9

6D27B9

9371B9

6314B9

9D84B9

5902B9

A796B9

5800B9

B0A9B9

BABBB9

C4CDB9

CDE0B9

D7F3B9

# Harmonies

## Analogous

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



0066D3



804CB9



B42A8A

# Triad

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



804CB9



975600



007D7A

# Complementary

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



804CB9



85B94C

# 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.



007B40



804CB9



696A00

# Square

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



804CB9



B83A1F



267600



007CAE

# Rectangle

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



804CB9



C21B66



267600



007D67



# Sweetspot

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



804CB9



D9C5F0



4C86B9



6A5D78



F7F7F7



787878



# Same Dimension

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



804CB9



9746F0



B54CB9



57535C



4A009C



0D001C



# Inverse Universe

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



B94C85



F0469F



50B94C



5C5357



9C0051

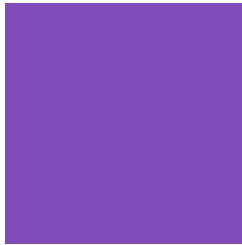


1C000F



# Previews

## White Background



This preview shows how the Hex color 804CB9 looks on a white background.

## Color Contrast Check

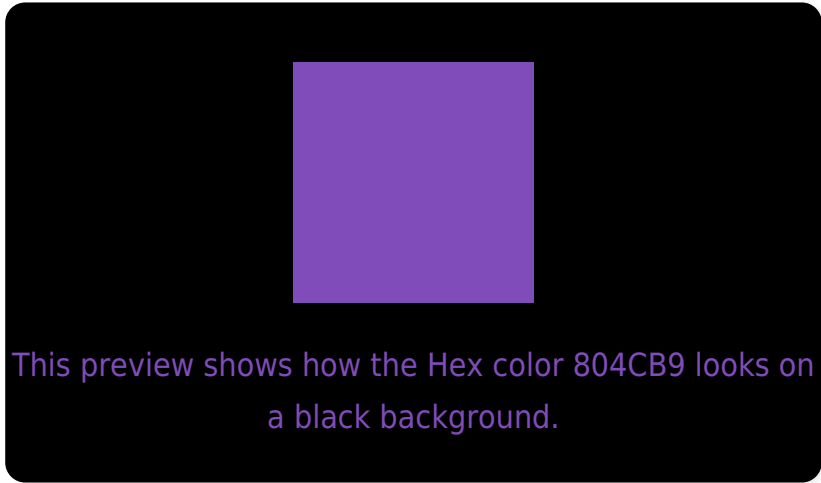
Large Text (above 18pt) WCAG AA ✓ Pass

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

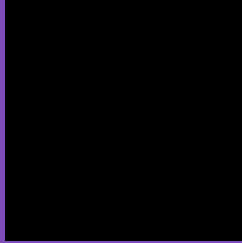
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 804CB9 Background



This preview shows how black text looks on a background with the Hex color 804CB9.

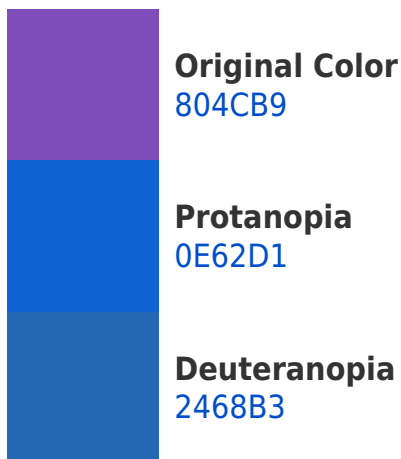



This preview shows how white text looks on a background with the Hex color 804CB9.

# 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**  
71626A

# Trichromacy



**Original Color**  
804CB9

**Protanomaly**  
375AC8

**Deuteranomaly**  
455EB5

**Tritanomaly**  
765A87

# Monochromacy



**Original Color**  
804CB9

**Achromatopsia**  
686868

**Achromatomaly**  
715E85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 804CB9 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 #804CB9 looks like.

```
.text, #text, p{  
    color:#804CB9  
}
```

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 #804CB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804CB9
}
```

## Border

The CSS property to change the border of an element to Hex 804CB9 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
#804CB9 }
```

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

```
.border{ border-color:#804CB9 }
```

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

Here you see how a box with a 4 pixel #804CB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804CB9; -webkit-box-shadow:4px 4px  
4px 4px #804CB9; box-shadow:4px 4px 4px  
4px #804CB9 }
```

# Background

The CSS property to change the background color of an element to Hex 804CB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804CB9 }
```

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

```
.background{ background-color:#804CB9 }
```

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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