

# Converting Colors

Hex(803CCA)

Have a look what the booklet for  
Hex(803CCA) contains.

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# Color

**Hex(803CCA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	803CCA
RGB	128, 60, 202
RGB Percent	50%, 24%, 79%
CMY	0.4980, 0.7647, 0.2078
CMYK	0.37, 0.70, 0.00, 0.21
HSL	269°, 57%, 51%
HSV	269°, 70%, 79%
XYZ	21.1786, 12.0852, 57.0936
YIQ	96.5200, -5.0540, 58.5780

# Conversions

## Conversions Part 2

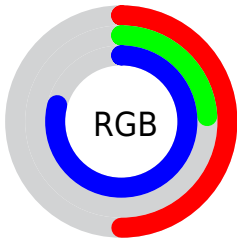
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 60, 202
Decimal	8404170
CIE <sub>Lab</sub>	41.35, 55.92, -62.40
CIE <sub>LCh</sub>	41, 83.789, 311.869
Yxy	12.0852, 0.2344, 0.1337
Android (android.graphics.Color)	4286594250 (0xFF803CCA)
YUV	96.5200, 52.0016, 27.6080
Hunter-Lab	34.7637, 47.9084, -73.0391

# Details

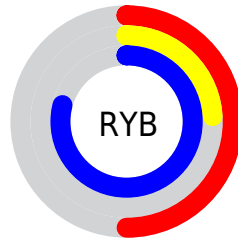
The Hex color **803CCA** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **86CA3C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **BA71FF**, and **460093** is the 20% darker color. If you saturate the color by 10%, you get **7528CA**, and if you desaturate by 10%, it is **8B50CA**.

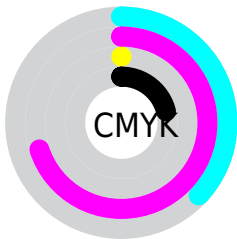
# Distribution



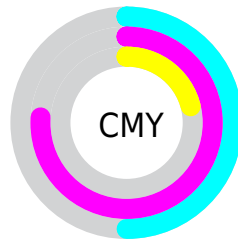
- Red (50%)
- Green (24%)
- Blue (79%)



- Red (50%)
- Yellow (24%)
- Blue (79%)



- Cyan (37%)
- Magenta (70%)
- Yellow (0%)
- Black (21%)



- Cyan (50%)
- Magenta (76%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 803CCA 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 803CCA by changing the saturation by 10% instead.



 803CCA

 803CCA

FFFFFF

 6321AE


 BA71FF

 460093

 D78BFF

 270078

 F5A7FF

 00005F

 FFC3FF


 000046

 FFDFFF

 00042E

 FFFDFF

 000119

 000000

 803CCA

 803CCA

7528CA

8B50CA

6B14CA

9564CA

6100CA

A079CA

AA8DCA

B5A1CA

BFB5CA

CAC9CA

D4DECA

DFF2CA

# Harmonies

## Analogous

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



0063EB



803CCA



C2008E

# Triad

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



803CCA



994E00



007C7C

# Complementary

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



803CCA



86CA3C

# 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.



007A33



803CCA



5F6800

# Square

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



803CCA



C21700



007400



007CBD

# Rectangle

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



803CCA



D20061



007400



007C64



# Sweetspot

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



803CCA



E3C9FF



3C88CA



6F6080



000000



808080



# Same Dimension

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



803CCA



8F29FF



C53CCA



615C66



4F00A6



120026



# Inverse Universe

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



CA3C86



FF2998



41CA3C



665C61



A60056

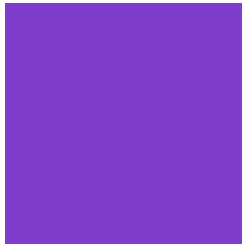


260014



# Previews

## White Background



This preview shows how the Hex color 803CCA looks on a white background.

## Color Contrast Check

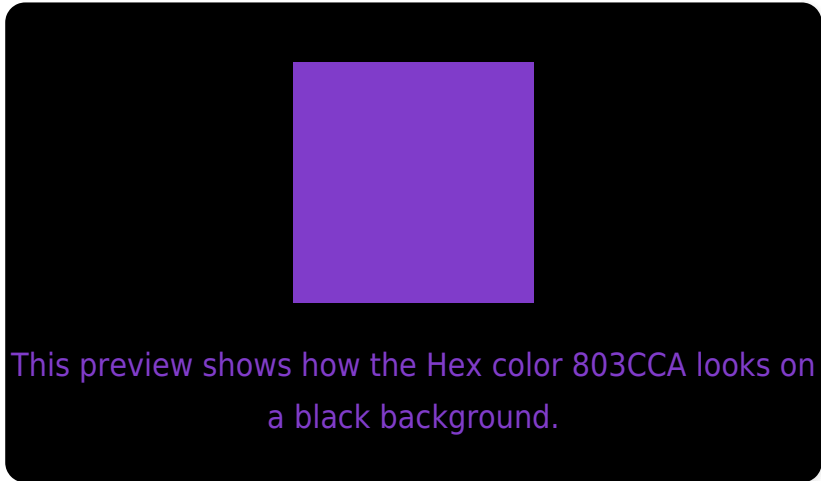
Large Text (above 18pt) WCAG AA ✓ Pass

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

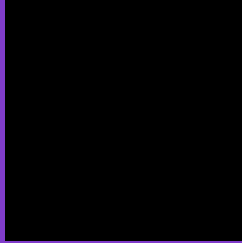
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 803CCA Background



This preview shows how black text looks on a background with the Hex color 803CCA.

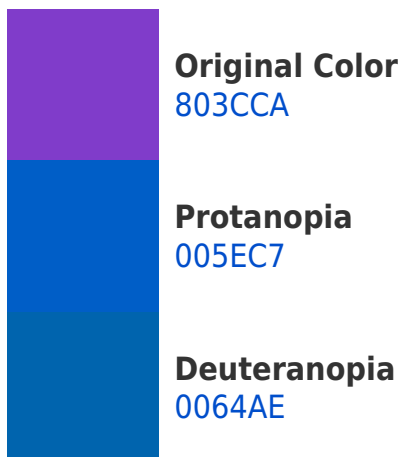



This preview shows how white text looks on a background with the Hex color 803CCA.

# 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](#).

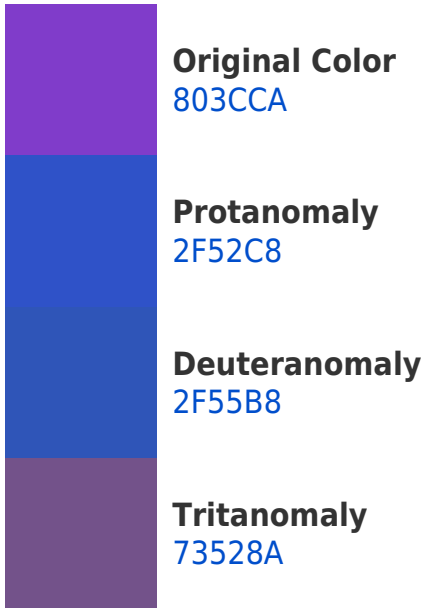
## Dichromacy



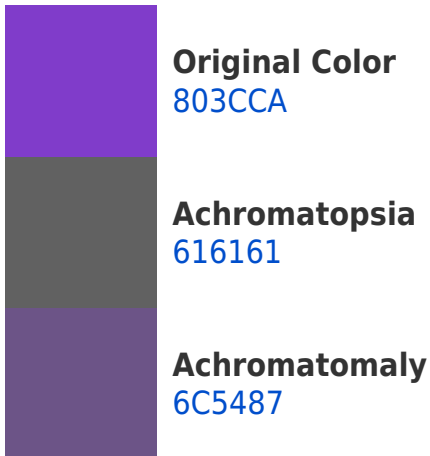


**Tritanopia**  
6B5E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 803CCA 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 #803CCA looks like.

```
.text, #text, p{  
    color:#803CCA  
}
```

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 #803CCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803CCA  
}
```

## Border

The CSS property to change the border of an element to Hex 803CCA 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  
#803CCA }
```

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

```
.border{ border-color:#803CCA }
```

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

Here you see how a box with a 4 pixel #803CCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803CCA; -webkit-box-shadow:4px 4px  
4px 4px #803CCA; box-shadow:4px 4px 4px  
4px #803CCA }
```

# Background

The CSS property to change the background color of an element to Hex 803CCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803CCA }
```

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

```
.background{ background-color:#803CCA }
```

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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