

# Converting Colors

Hex(814CBE)

Have a look what the booklet for  
Hex(814CBE) contains.

<b>Hex(814CBE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(814CBE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	814CBE
RGB	129, 76, 190
RGB Percent	51%, 30%, 75%
CMY	0.4941, 0.7020, 0.2549
CMYK	0.32, 0.60, 0.00, 0.25
HSL	268°, 47%, 52%
HSV	268°, 60%, 75%
XYZ	20.9320, 13.5537, 50.2281
YIQ	104.8430, -5.0060, 46.6900

# Conversions

## Conversions Part 2

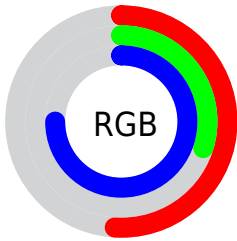
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	129, 76, 190
Decimal	8473790
CIE <sub>Lab</sub>	43.59, 45.11, -51.80
CIE <sub>LCh</sub>	44, 68.688, 311.050
Yxy	13.5537, 0.2471, 0.1600
Android (android.graphics.Color)	4286663870 (0xFF814CBE)
YUV	104.8430, 41.9824, 21.1857
Hunter-Lab	36.8154, 37.0621, -55.1200

# Details

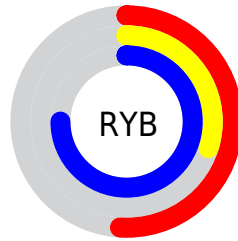
The Hex color **814CBE** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **89BE4C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **B97FF7**, and **4A1A88** is the 20% darker color. If you saturate the color by 10%, you get **7739BE**, and if you desaturate by 10%, it is **8B5FBE**.

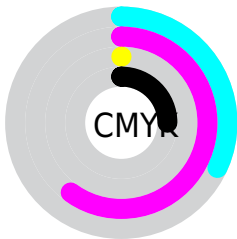
# Distribution



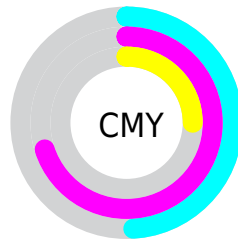
- Red (51%)
- Green (30%)
- Blue (75%)



- Red (51%)
- Yellow (30%)
- Blue (75%)



- Cyan (32%)
- Magenta (60%)
- Yellow (0%)
- Black (25%)



- Cyan (49%)
- Magenta (70%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 814CBE 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 814CBE by changing the saturation by 10% instead.



814CBE

814CBE

FFFFFF

6633A2

B97FF7

4A1A88

D69AFF

2E006E

F3B5FF

0F0055

FFD1FF

00003D

FFEEFF

000226

00010F

000000

814CBE

814CBE

7739BE

8B5FBE

6D26BE

9572BE

6213BE

A085BE

5800BE

AA98BE

B4ABBE

BEBEBE

C8D1BE

D2E4BE

DCF7BE

# Harmonies

## Analogous

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



0068D8



814CBE



B8268D

# Triad

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



814CBE



9A5700



007F7B

# Complementary

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



814CBE



89BE4C

# 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.



007D3F



814CBE



6A6B00

# Square

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



814CBE



BC371D



237700



007EB1

# Rectangle

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



814CBE



C71268



237700



007F67



# Sweetspot

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



814CBE



E0CBF7



4C8BBE



6E617D



FCFCFC



7D7D7D



# Same Dimension

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



814CBE



9845F7



B84CBE



59555E



4A009E



0E001F



# Inverse Universe

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



BE4C89



F745A5



52BE4C



5E555A



9E0055

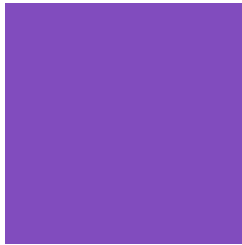


1F0010



# Previews

## White Background



This preview shows how the Hex color 814CBE looks on a white background.

## Color Contrast Check

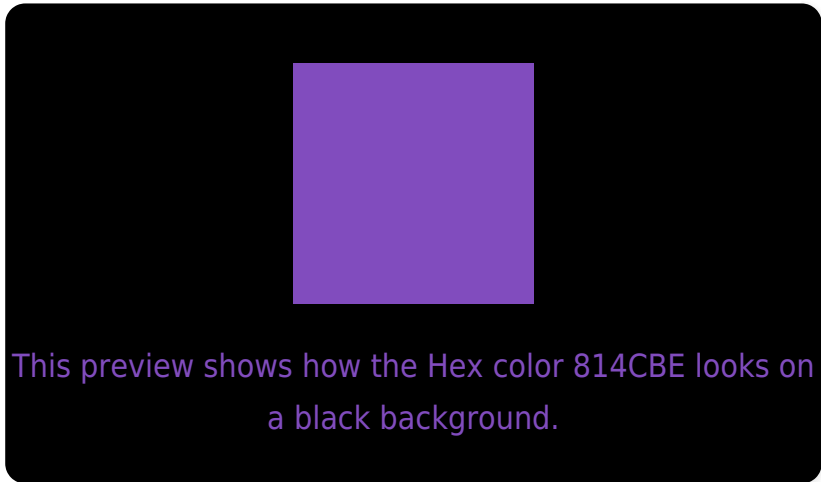
Large Text (above 18pt) WCAG AA ✓ Pass

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

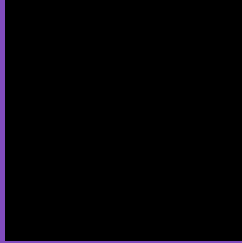
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 814CBE Background



This preview shows how black text looks on a background with the Hex color 814CBE.

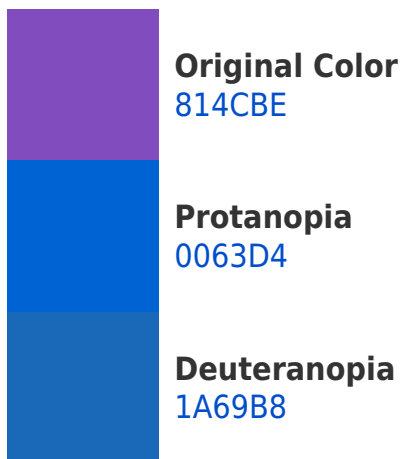



This preview shows how white text looks on a background with the Hex color 814CBE.

# 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](#).

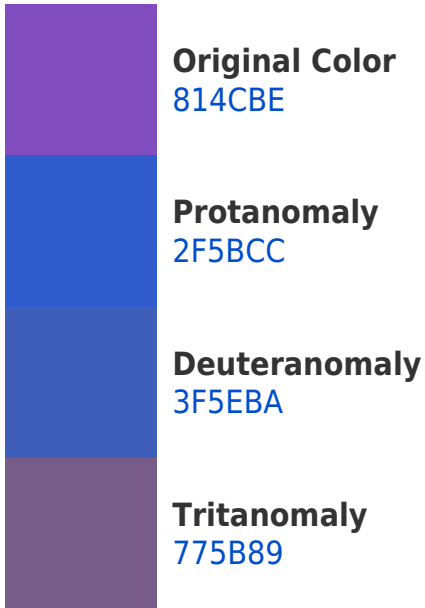
## Dichromacy



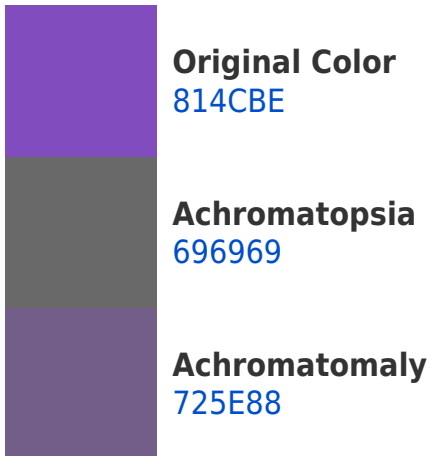


**Tritanopia**  
71636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 814CBE 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 #814CBE looks like.

```
.text, #text, p{  
    color:#814CBE  
}
```

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 #814CBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #814CBE
}
```

## Border

The CSS property to change the border of an element to Hex 814CBE is called "border". The border property can be set on classes, ids or directly on the HTML element.

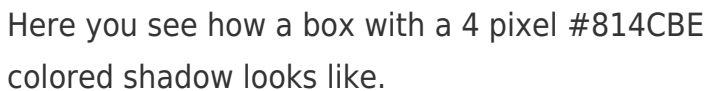
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#814CBE }
```

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

```
.border{ border-color:#814CBE }
```

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



Here you see how a box with a 4 pixel #814CBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #814CBE; -webkit-box-shadow:4px 4px  
4px 4px #814CBE; box-shadow:4px 4px 4px  
4px #814CBE }
```

# Background

The CSS property to change the background color of an element to Hex 814CBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#814CBE }
```

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

```
.background{ background-color:#814CBE }
```

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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