

# Converting Colors

Hex(8C4799)

Have a look what the booklet for  
Hex(8C4799) contains.

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# Color

**Hex(8C4799)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C4799
RGB	140, 71, 153
RGB Percent	55%, 28%, 60%
CMY	0.4510, 0.7216, 0.4000
CMYK	0.08, 0.54, 0.00, 0.40
HSL	290°, 37%, 44%
HSV	290°, 54%, 60%
XYZ	18.8182, 12.3818, 31.5351
YIQ	100.9790, 14.8020, 40.1300

# Conversions

## Conversions Part 2

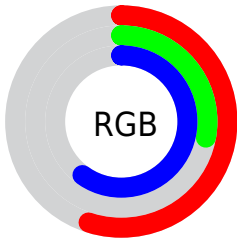
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 71, 153
Decimal	9193369
CIE <sub>Lab</sub>	41.82, 42.21, -32.64
CIE <sub>LCh</sub>	42, 53.357, 322.284
Yxy	12.3818, 0.3000, 0.1974
Android (android.graphics.Color)	4287383449 (0xFF8C4799)
YUV	100.9790, 25.6464, 34.2214
Hunter-Lab	35.1878, 33.8820, -28.5038

# Details

The Hex color **8C4799** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **549947**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **C37AD0**, and **571365** is the 20% darker color. If you saturate the color by 10%, you get **8A3899**, and if you desaturate by 10%, it is **8E5699**.

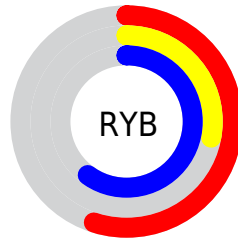
# Distribution



Red (55%)

Green (28%)

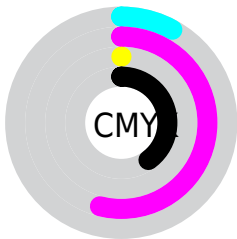
Blue (60%)



Red (55%)

Yellow (28%)

Blue (60%)

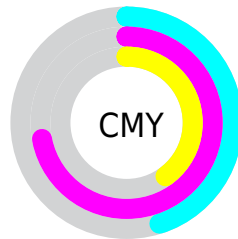


Cyan (8%)

Magenta (54%)

Yellow (0%)

Black (40%)



Cyan (45%)

Magenta (72%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C4799 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 8C4799 by changing the saturation by 10% instead.



8C4799

8C4799

FFFFFF

712E7F

C37AD0

571365

E095EC

3E004D

FDB0FF

280036

FFCCFF

000020

FFE9FF

000003

000000

8C4799

8C4799

8A3899

8E5699

872899

916699

851999

937599

820A99

968499

810099

989399

9BA399

9DB299

9FC199

A2D199

# Harmonies

## Analogous

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



495CB5



8C4799



AB3570

# Triad

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



8C4799



815D00



007783

# Complementary

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



8C4799



549947

# 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.



007655



8C4799



586A00

# Square

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



8C4799



9F4A1C



167229



0074A8

# Rectangle

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



8C4799



B13453



167229



007774



# Sweetspot

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



8C4799



C2A7C7



475599



605163



E3E3E3



636363



# Same Dimension

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



8C4799



B348C7



99477E



4B454D



76008C



0B000D



# Inverse Universe

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



994754



C7485C



479962



4D4546



8C0016

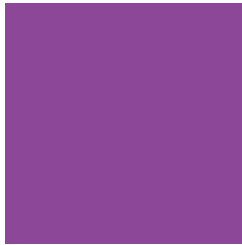


0D0002



# Previews

## White Background



This preview shows how the Hex color 8C4799 looks on a white background.

## Color Contrast Check

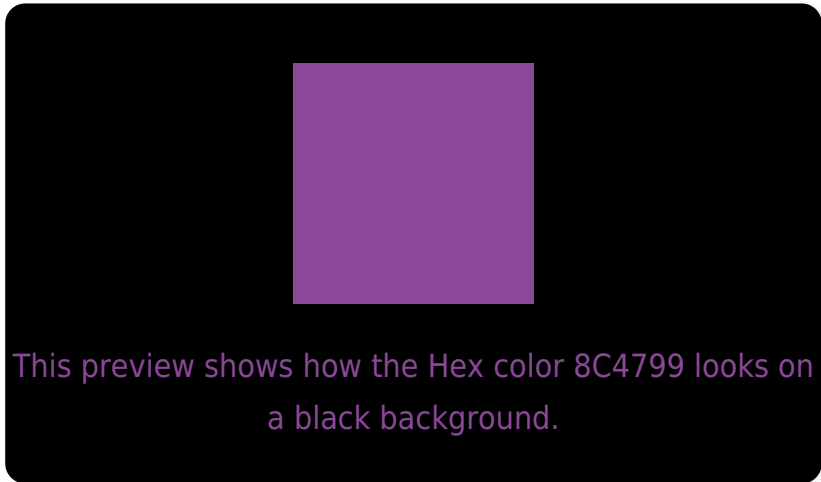
Large Text (above 18pt) WCAG AA ✓ Pass

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

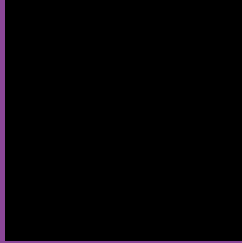
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C4799 Background



This preview shows how black text looks on a background with the Hex color 8C4799.

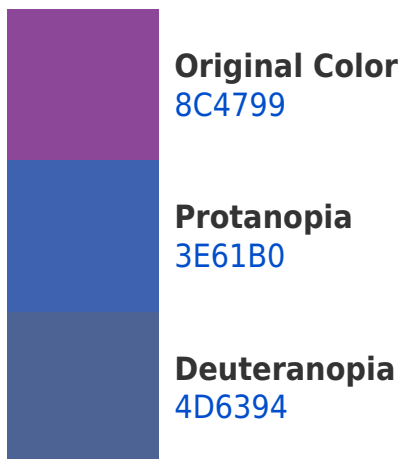



This preview shows how white text looks on a background with the Hex color 8C4799.

# 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**  
84565D

# Trichromacy



**Original Color**  
8C4799



**Protanomaly**  
5A58A8



**Deuteranomaly**  
645996



**Tritanomaly**  
875173

# Monochromacy



**Original Color**  
8C4799



**Achromatopsia**  
656565



**Achromatomaly**  
735A78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C4799 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 #8C4799 looks like.

```
.text, #text, p{  
    color:#8C4799  
}
```

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 #8C4799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C4799
}
```

## Border

The CSS property to change the border of an element to Hex 8C4799 is called "border". The border property can be set on classes, ids or directly on the HTML element.

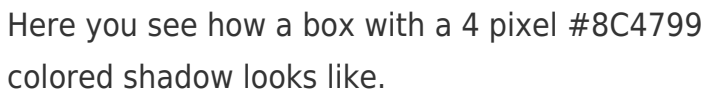
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C4799 }
```

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

```
.border{ border-color:#8C4799 }
```

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



Here you see how a box with a 4 pixel #8C4799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C4799; -webkit-box-shadow:4px 4px  
4px 4px #8C4799; box-shadow:4px 4px 4px  
4px #8C4799 }
```

# Background

The CSS property to change the background color of an element to Hex 8C4799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C4799 }
```

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

```
.background{ background-color:#8C4799 }
```

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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