

# Converting Colors

Hex(88429E)

Have a look what the booklet for  
Hex(88429E) contains.

<b>Hex(88429E)</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(88429E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	88429E
RGB	136, 66, 158
RGB Percent	53%, 26%, 62%
CMY	0.4667, 0.7412, 0.3804
CMYK	0.14, 0.58, 0.00, 0.38
HSL	286°, 41%, 44%
HSV	286°, 58%, 62%
XYZ	18.2731, 11.5993, 33.6235
YIQ	97.4180, 12.1880, 43.4520

# Conversions

## Conversions Part 2

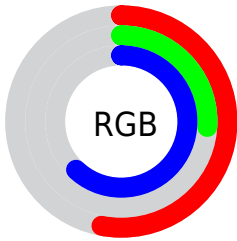
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 66, 158
Decimal	8929950
CIE <sub>Lab</sub>	40.57, 44.73, -37.65
CIE <sub>LCh</sub>	41, 58.465, 319.916
Yxy	11.5993, 0.2878, 0.1827
Android (android.graphics.Color)	4287120030 (0xFF88429E)
YUV	97.4180, 29.8669, 33.8364
Hunter-Lab	34.0577, 36.1702, -34.6937

# Details

The Hex color **88429E** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **589E42**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **BF75D5**, and **530B6A** is the 20% darker color. If you saturate the color by 10%, you get **84329E**, and if you desaturate by 10%, it is **8C529E**.

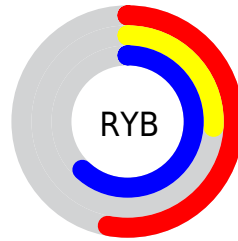
# Distribution



Red (53%)

Green (26%)

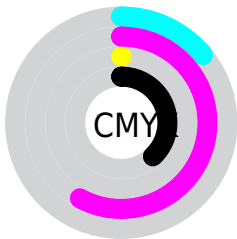
Blue (62%)



Red (53%)

Yellow (26%)

Blue (62%)

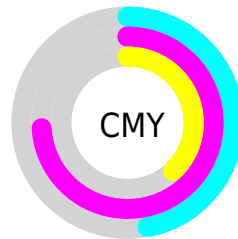


Cyan (14%)

Magenta (58%)

Yellow (0%)

Black (38%)



Cyan (47%)

Magenta (74%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88429E 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 88429E by changing the saturation by 10% instead.



88429E

88429E

FFFFFF

6D2884

BF75D5

530B6A

DC90F2

3A0051

F9ABFF

24003A

FFC7FF

000023

FFE4FF

00000A

000000

88429E

88429E

84329E

8C529E

80229E

90629E

7D139E

93719E

79039E

97819E

78009E

9B919E

9FA19E

A2B19E

A6C09E

AAD09E

# Harmonies

## Analogous

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



335ABB



88429E



AC2A72

# Triad

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



88429E



825800



00757F

# Complementary

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



88429E



589E42

# 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.



00744D



88429E



566700

# Square

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



88429E



A24214



05701A



0072A9

# Rectangle

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



88429E



B32652



05701A



00756F



# Sweetspot

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



88429E



C6ABCF



42599E



645469



E8E8E8



696969



# Same Dimension

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



88429E



AC3ECF



9E4287



4D474F



6D008F



0C000F



# Inverse Universe

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



9E4258



CF3E61



429E59



4F4749



8F0022

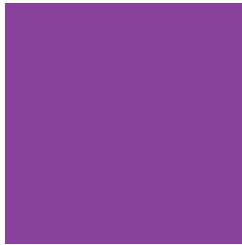


0F0004



# Previews

## White Background



This preview shows how the Hex color 88429E looks on a white background.

## Color Contrast Check

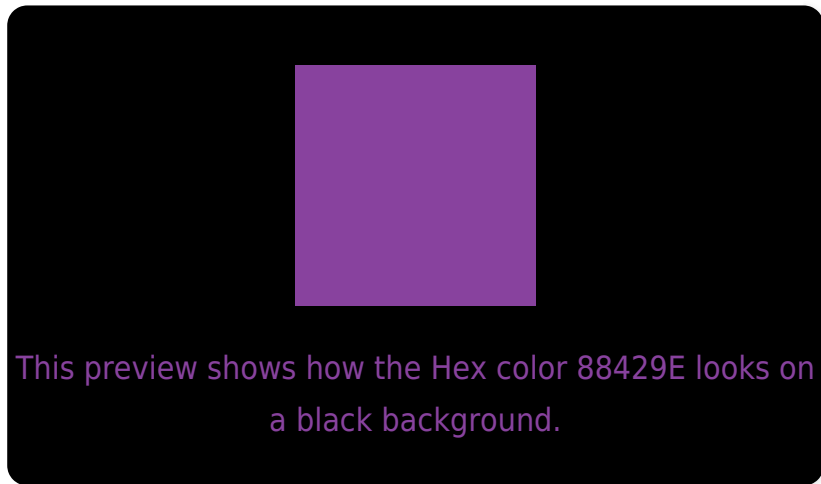
Large Text (above 18pt) WCAG AA ✓ Pass

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

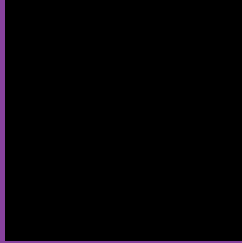
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 88429E Background



This preview shows how black text looks on a background with the Hex color 88429E.

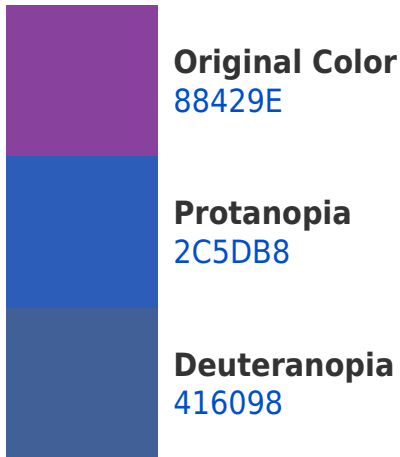


This preview shows how white text looks on a background with the Hex color 88429E.

# 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](#).

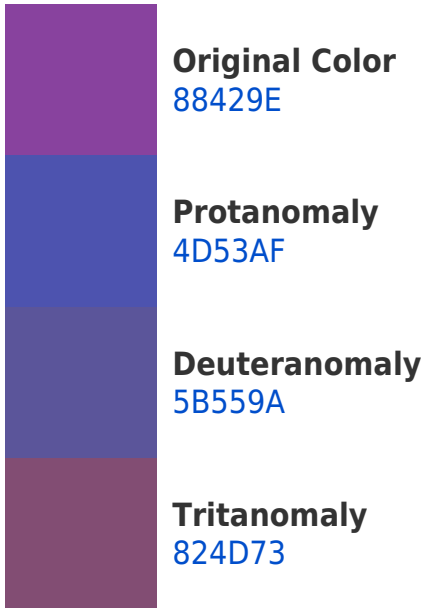
## Dichromacy



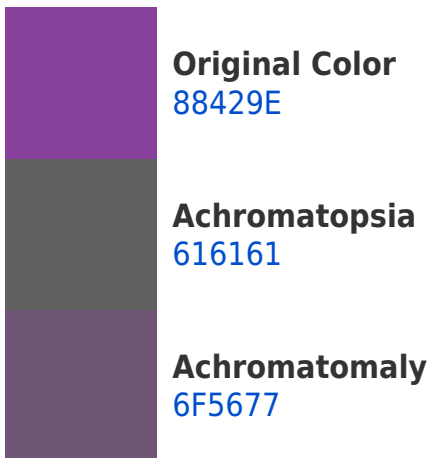


**Tritanopia**  
7E545B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88429E 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 #88429E looks like.

```
.text, #text, p{  
    color:#88429E  
}
```

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 #88429E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88429E
}
```

## Border

The CSS property to change the border of an element to Hex 88429E is called "border". The border property can be set on classes, ids or directly on the HTML element.

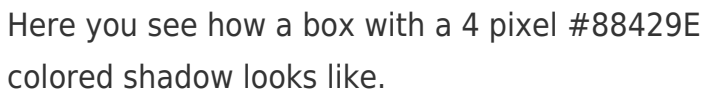
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#88429E }
```

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

```
.border{ border-color:#88429E }
```

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



Here you see how a box with a 4 pixel #88429E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88429E; -webkit-box-shadow:4px 4px  
4px 4px #88429E; box-shadow:4px 4px 4px  
4px #88429E }
```

# Background

The CSS property to change the background color of an element to Hex 88429E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88429E }
```

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

```
.background{ background-color:#88429E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor