

# Converting Colors

Hex(814599)

Have a look what the booklet for  
Hex(814599) contains.

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# Color

**Hex(814599)**

# Conversions

## Conversions Part 1

Format	Color
Hex	814599
RGB	129, 69, 153
RGB Percent	51%, 27%, 60%
CMY	0.4941, 0.7294, 0.4000
CMYK	0.16, 0.55, 0.00, 0.40
HSL	283°, 38%, 44%
HSV	283°, 55%, 60%
XYZ	16.9312, 11.2233, 31.4109
YIQ	96.5160, 8.7960, 38.8440

# Conversions

## Conversions Part 2

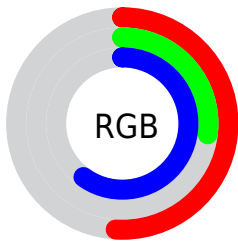
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	129, 69, 153
Decimal	8471961
CIE Lab	39.95, 40.15, -35.68
CIE LCh	40, 53.713, 318.375
Yxy	11.2233, 0.2842, 0.1884
Android (android.graphics.Color)	4286662041 (0xFF814599)
YUV	96.5160, 27.8466, 28.4885
Hunter-Lab	33.5012, 31.5851, -32.1399

# Details

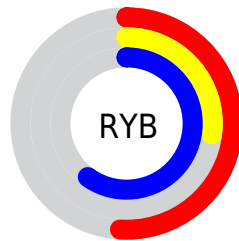
The Hex color **814599** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5D9945**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **B878D0**, and **4D1365** is the 20% darker color. If you saturate the color by 10%, you get **7D3699**, and if you desaturate by 10%, it is **855499**.

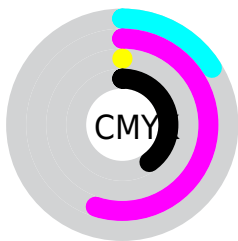
# Distribution



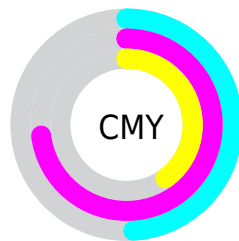
- Red (51%)
- Green (27%)
- Blue (60%)



- Red (51%)
- Yellow (27%)
- Blue (60%)



- Cyan (16%)
- Magenta (55%)
- Yellow (0%)
- Black (40%)



- Cyan (49%)
- Magenta (73%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 814599 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 814599 by changing the saturation by 10% instead.



814599

814599

FFFFFF

672C7F

B878D0

4D1365

D492EC

34004D

F1ADFF

200036

FFC9FF

00021F

FFE6FF

000003

000000

814599

814599

7D3699

855499

782699

8A6499

741799

8E7399

700899

928299

6D0099

979299

9BA199

A0B099

A4BF99

A8CF99

# Harmonies

## Analogous

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



335AB2



814599



A33171

# Triad

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



814599



805600



007279

# Complementary

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



814599



5D9945

# 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.



00714B



814599



596400

# Square

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



814599



9D421C



1D6D1E



00709F

# Rectangle

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



814599



AB2D54



1D6D1E



00726A



# Sweetspot

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



814599



BEA7C7



455E99



5E5163



E3E3E3



636363



# Same Dimension

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



814599



A144C7



994588



4A454D



64008C



09000D



# Inverse Universe

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



99455D



C74469



459956



4D4547



8C0028

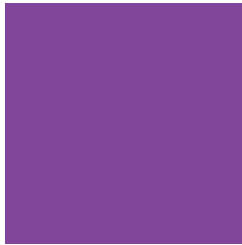


0D0004



# Previews

## White Background



This preview shows how the Hex color 814599 looks on a white background.

## Color Contrast Check

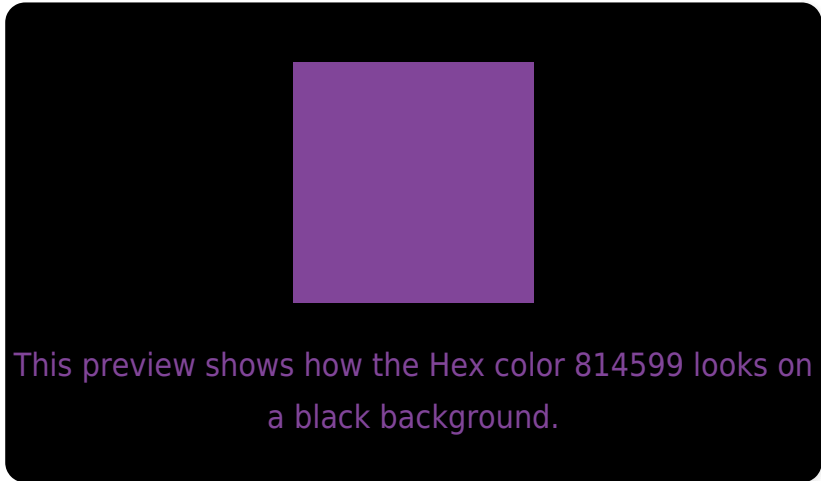
Large Text (above 18pt) WCAG AA ✓ Pass

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

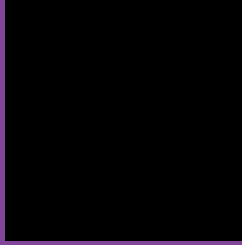
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 814599 Background



This preview shows how black text looks on a background with the Hex color 814599.

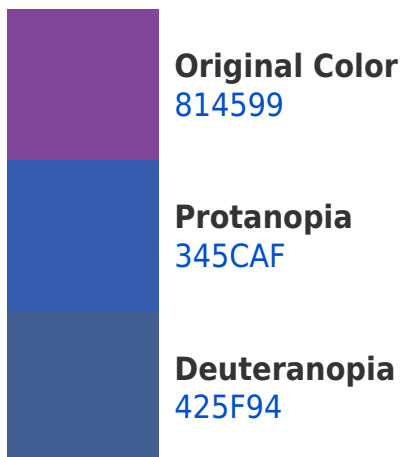


This preview shows how white text looks on a background with the Hex color 814599.

# 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](#).

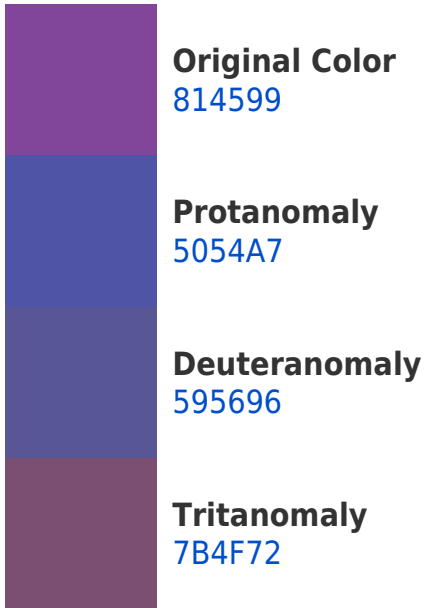
## Dichromacy



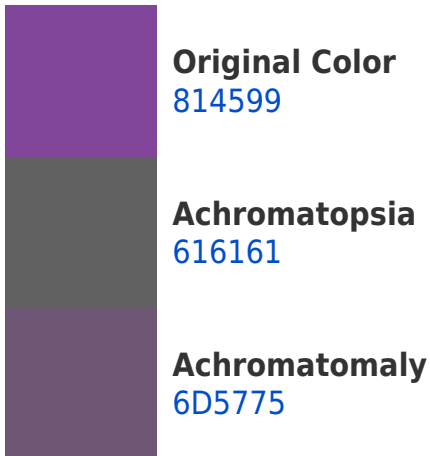


**Tritanopia**  
78555B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 814599 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 #814599 looks like.

```
.text, #text, p{  
    color:#814599  
}
```

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 #814599 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #814599
}
```

## Border

The CSS property to change the border of an element to Hex 814599 is called "border". The border property can be set on classes, ids or directly on the HTML element.

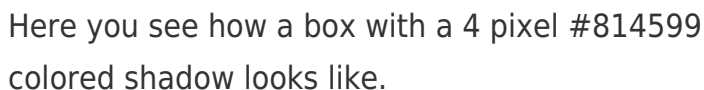
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#814599 }
```

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

```
.border{ border-color:#814599 }
```

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



Here you see how a box with a 4 pixel #814599 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #814599; -webkit-box-shadow:4px 4px  
4px 4px #814599; box-shadow:4px 4px 4px  
4px #814599 }
```

# Background

The CSS property to change the background color of an element to Hex 814599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#814599 }
```

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

```
.background{ background-color:#814599 }
```

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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