

# Converting Colors

Hex(833579)

Have a look what the booklet for  
Hex(833579) contains.

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**Color**

**Hex(833579)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	833579
RGB	131, 53, 121
RGB Percent	51%, 21%, 47%
CMY	0.4863, 0.7922, 0.5255
CMYK	0.00, 0.60, 0.08, 0.49
HSL	308°, 42%, 36%
HSV	308°, 60%, 51%
XYZ	14.0844, 8.7520, 19.0361
YIQ	84.0740, 24.6600, 37.6840

# Conversions

## Conversions Part 2

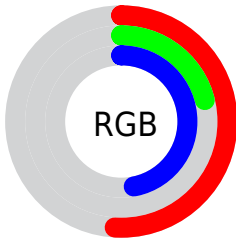
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 53, 121
Decimal	8598905
CIE <sub>Lab</sub>	35.50, 42.59, -23.04
CIE <sub>LCh</sub>	36, 48.425, 331.595
Yxy	8.7520, 0.3364, 0.2090
Android (android.graphics.Color)	4286788985 (0xFF833579)
YUV	84.0740, 18.2045, 41.1541
Hunter-Lab	29.5837, 33.2096, -17.4425

# Details

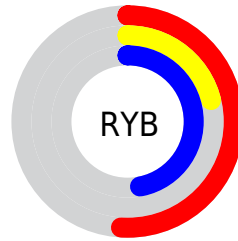
The Hex color **833579** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **35833F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **BA68AE**, and **4F0048** is the 20% darker color. If you saturate the color by 10%, you get **832877**, and if you desaturate by 10%, it is **83427B**.

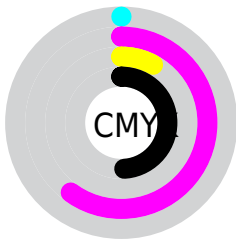
# Distribution



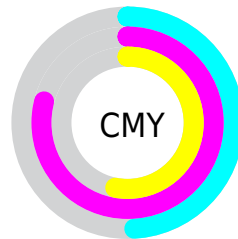
- Red (51%)
- Green (21%)
- Blue (47%)



- Red (51%)
- Yellow (21%)
- Blue (47%)



- Cyan (0%)
- Magenta (60%)
- Yellow (8%)
- Black (49%)



- Cyan (49%)
- Magenta (79%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 833579 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 833579 by changing the saturation by 10% instead.



833579

833579

FFFFFF

691B60

BA68AE

4F0048

D682C9

360031

F49DE5

1E001C

FFB9FF

000000

FFD5FF

FFF2FF

833579

833579

832877

83427B

831B76

834F7C

830E74

835C7E

830172

836980

830072

837781

838483

839185

839E86

83AB88

# Harmonies

## Analogous

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



544896



833579



972953

# Triad

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



833579



635200



00657B

# Complementary

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



833579



35833F

# 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.



006554



833579



3C5D03

# Square

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



833579



814308



00622C



006198

# Rectangle

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



833579



972D3A



00622C



00656F



# Sweetspot

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



833579



AB8CA7



3E3583



574454



D6D6D6



575757



# Same Dimension

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



833579



AB329B



833553



423C41



820071



030002



# Inverse Universe

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



833579



AB329B



358365



423C41



820071

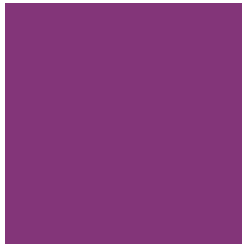


030002



# Previews

## White Background



This preview shows how the Hex color 833579 looks on a white background.

## Color Contrast Check

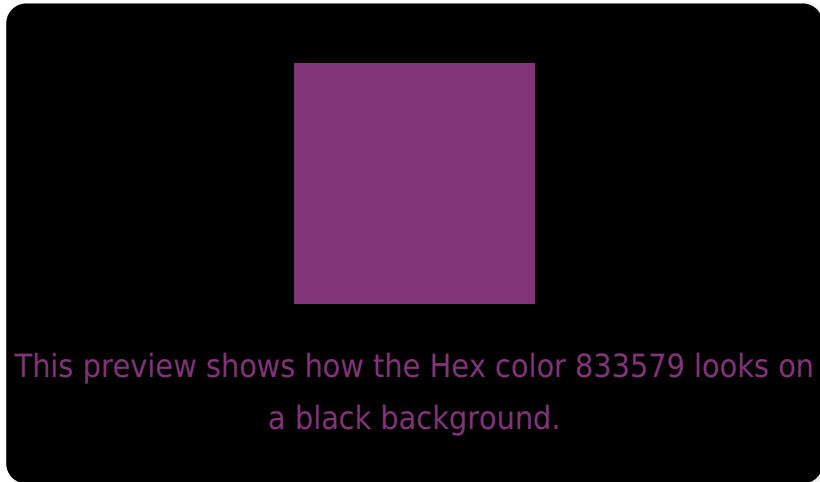
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

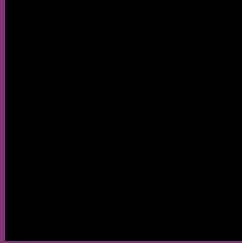
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 833579 Background



This preview shows how black text looks on a background with the Hex color 833579.



This preview shows how white text looks on a background with the Hex color 833579.

# 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](#).

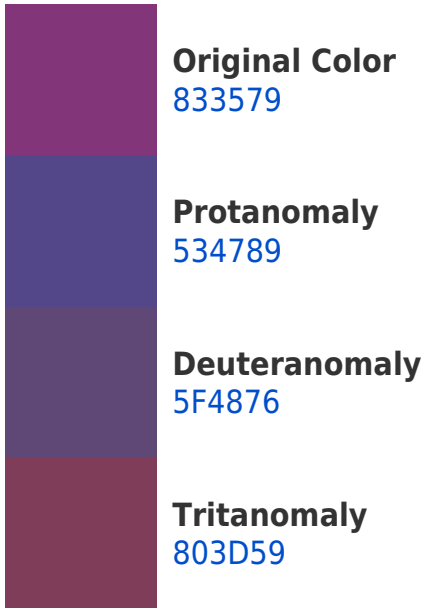
## Dichromacy



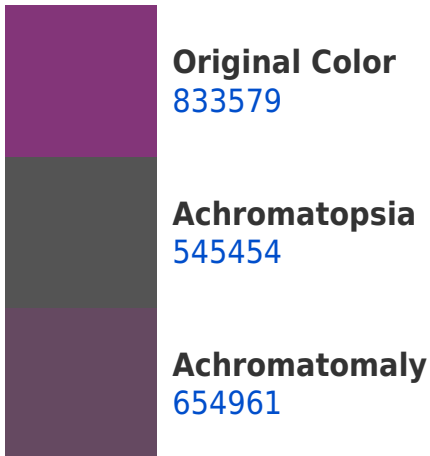


**Tritanopia**  
7E4247

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 833579 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 #833579 looks like.

```
.text, #text, p{  
    color:#833579  
}
```

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 #833579 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833579
}
```

## Border

The CSS property to change the border of an element to Hex 833579 is called "border". The border property can be set on classes, ids or directly on the HTML element.

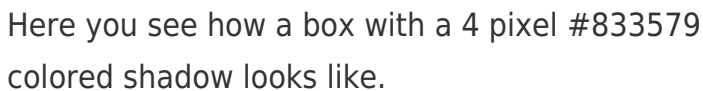
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#833579 }
```

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

```
.border{ border-color:#833579 }
```

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



Here you see how a box with a 4 pixel #833579 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833579; -webkit-box-shadow:4px 4px  
4px 4px #833579; box-shadow:4px 4px 4px  
4px #833579 }
```

# Background

The CSS property to change the background color of an element to Hex 833579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833579 }
```

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

```
.background{ background-color:#833579 }
```

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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