

# Converting Colors

Hex(834384)

Have a look what the booklet for  
Hex(834384) contains.

<b>Hex(834384)</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(834384)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	834384
RGB	131, 67, 132
RGB Percent	51%, 26%, 52%
CMY	0.4863, 0.7373, 0.4824
CMYK	0.01, 0.49, 0.00, 0.48
HSL	299°, 33%, 39%
HSV	299°, 49%, 52%
XYZ	15.5321, 10.5055, 23.0389
YIQ	93.5460, 17.2790, 33.7830

# Conversions

## Conversions Part 2

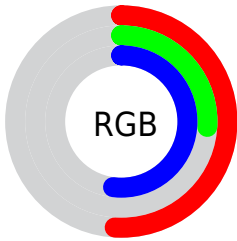
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 67, 132
Decimal	8602500
CIE <sub>Lab</sub>	38.73, 37.43, -24.81
CIE <sub>LCh</sub>	39, 44.907, 326.466
Yxy	10.5055, 0.3165, 0.2141
Android (android.graphics.Color)	4286792580 (0xFF834384)
YUV	93.5460, 18.9578, 32.8472
Hunter-Lab	32.4123, 28.8165, -19.4553

# Details

The Hex color **834384** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **448443**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **BA76B9**, and **4F1152** is the 20% darker color. If you saturate the color by 10%, you get **833684**, and if you desaturate by 10%, it is **835084**.

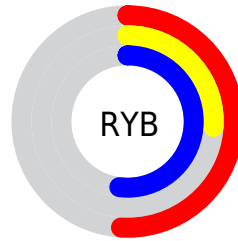
# Distribution



Red (51%)

Green (26%)

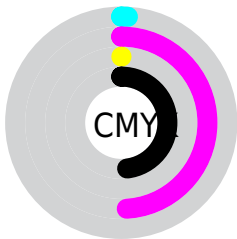
Blue (52%)



Red (51%)

Yellow (26%)

Blue (52%)

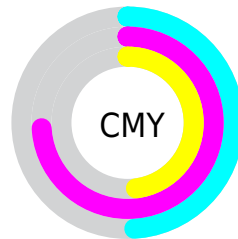


Cyan (1%)

Magenta (49%)

Yellow (0%)

Black (48%)



Cyan (49%)

Magenta (74%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 834384 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 834384 by changing the saturation by 10% instead.



834384

834384

FFFFFF

692A6B

BA76B9

4F1152

D690D5

37003B

F3ABF2

230025

FFC7FF

00010D

FFE3FF

000000

834384

834384

833684

835084

832984

835D84

821B84

846B84

820E84

847884

820184

848584

820084

849284

849F84

85AD84

85BA84

# Harmonies

## Analogous

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



53539D



834384



9A3861

# Triad

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



834384



715806



006C7B

# Complementary

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



834384



448443

# 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.



006C56



834384



4E6311

# Square

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



834384



8C491D



176931



006998

# Rectangle

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



834384



9D3849



176931



006C6F



# Sweetspot

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



834384



AA91AB



434484



564757



D6D6D6



575757



# Same Dimension

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



834384



A946AB



844365



423C42



800082



030003



# Inverse Universe

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



844344



AB4648



438462



423C3C



820002

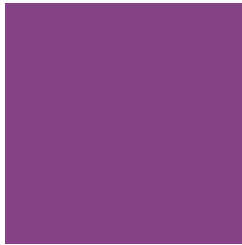


030000



# Previews

## White Background



This preview shows how the Hex color 834384 looks on a white background.

## Color Contrast Check

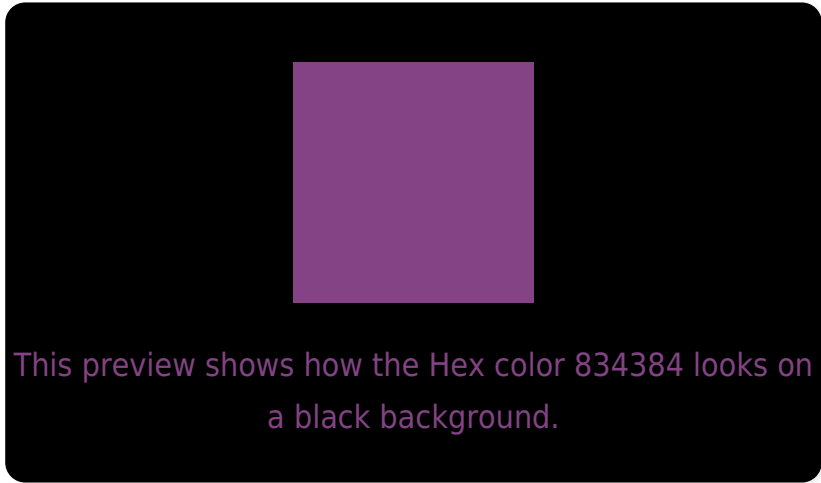
Large Text (above 18pt) WCAG AA ✓ Pass

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

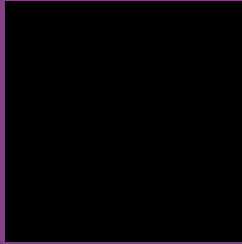
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 834384 Background



This preview shows how black text looks on a background with the Hex color 834384.



This preview shows how white text looks on a background with the Hex color 834384.

# 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



**Original Color**  
834384

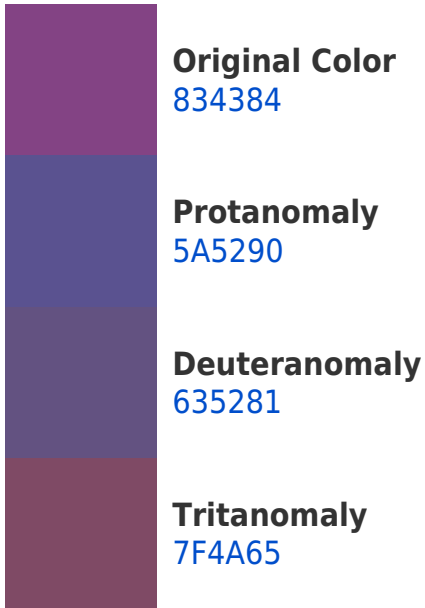
**Protanopia**  
435A97

**Deuteranopia**  
505B80

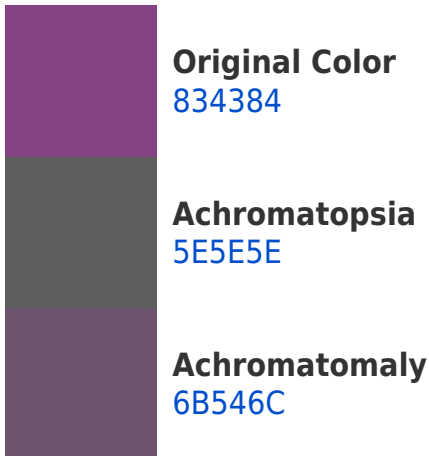


**Tritanopia**  
7D4E54

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 834384 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 #834384 looks like.

```
.text, #text, p{  
    color:#834384  
}
```

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 #834384 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #834384
}
```

## Border

The CSS property to change the border of an element to Hex 834384 is called "border". The border property can be set on classes, ids or directly on the HTML element.

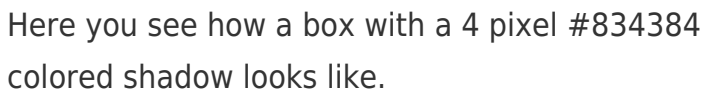
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#834384 }
```

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

```
.border{ border-color:#834384 }
```

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



Here you see how a box with a 4 pixel #834384 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #834384; -webkit-box-shadow:4px 4px  
4px 4px #834384; box-shadow:4px 4px 4px  
4px #834384 }
```

# Background

The CSS property to change the background color of an element to Hex 834384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#834384 }
```

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

```
.background{ background-color:#834384 }
```

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