

# Converting Colors

Hex(834963)

Have a look what the booklet for  
Hex(834963) contains.

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# Color

**Hex(834963)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	834963
RGB	131, 73, 99
RGB Percent	51%, 29%, 39%
CMY	0.4863, 0.7137, 0.6118
CMYK	0.00, 0.44, 0.24, 0.49
HSL	333°, 28%, 40%
HSV	333°, 44%, 51%
XYZ	13.9947, 10.4912, 13.0918
YIQ	93.3060, 26.2220, 20.3820

# Conversions

## Conversions Part 2

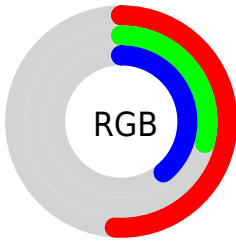
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 73, 99
Decimal	8604003
CIE <sub>Lab</sub>	38.71, 28.21, -4.39
CIE <sub>LCh</sub>	39, 28.545, 351.162
Yxy	10.4912, 0.3724, 0.2792
Android (android.graphics.Color)	4286794083 (0xFF834963)
YUV	93.3060, 2.8071, 33.0576
Hunter-Lab	32.3902, 20.4413, -1.2913

# Details

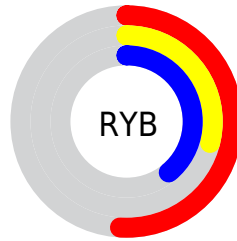
The Hex color **834963** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **498369**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **B97B96**, and **501A35** is the 20% darker color. If you saturate the color by 10%, you get **833C5C**, and if you desaturate by 10%, it is **83566A**.

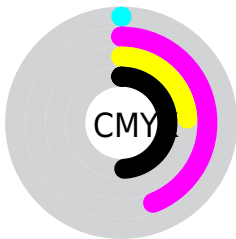
# Distribution



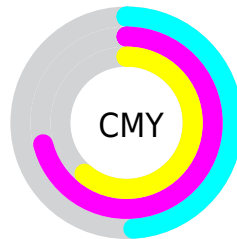
- Red (51%)
- Green (29%)
- Blue (39%)



- Red (51%)
- Yellow (29%)
- Blue (39%)



- Cyan (0%)
- Magenta (44%)
- Yellow (24%)
- Black (49%)



- Cyan (49%)
- Magenta (71%)
- Yellow (61%)
- Black (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 834963 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 834963 by changing the saturation by 10% instead.



 834963

 834963

FFFFFF

 69314B

 B97B96

 501A35

 D695B0

 37021F

 F2B0CC

 230006

 FFCCE8

 000000

 FFE8FF

 834963

 834963

 833C5C

 83566A

 832F55

 836371

 83224D

 837079

 831546

 837D80

 83083F

 838B87

 83003B

 83988E

 83A596

 83B29D

 83BFA4

# Harmonies

## Analogous

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



714F78



834963



87494C

# Triad

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



834963



595F2F



00657F

# Complementary

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



834963



498369

# 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.



00676B



834963



3E643D

# Square

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



834963



70572D



196753



266089

# Rectangle

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



834963



844D3E



196753



006679



# Sweetspot

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



834963



AB959F



694983



57494F



D6D6D6



575757



# Same Dimension

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



834963



AB5079



834C49



423C3F



82003A



030001



# Inverse Universe

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



834963



AB5079



498083



423C3F



82003A

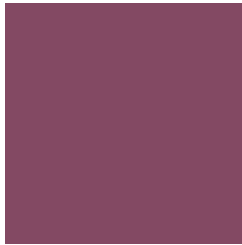


030001



# Previews

## White Background



This preview shows how the Hex color 834963 looks on a white background.

## Color Contrast Check

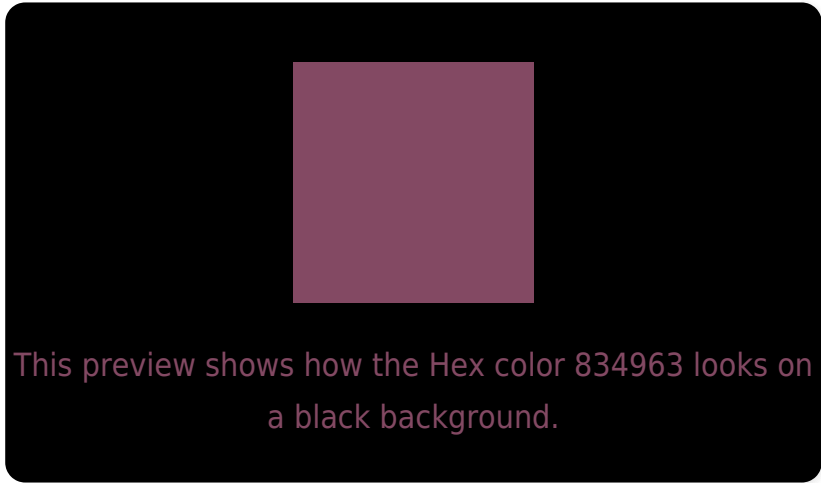
Large Text (above 18pt) WCAG AA ✓ Pass

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

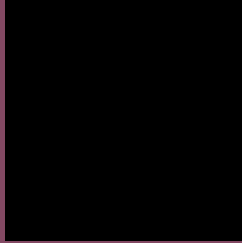
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 834963 Background



This preview shows how black text looks on a background with the Hex color 834963.

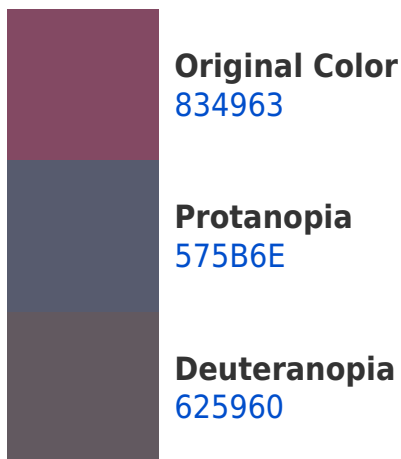


This preview shows how white text looks on a background with the Hex color 834963.

# 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**  
814C52

# Trichromacy



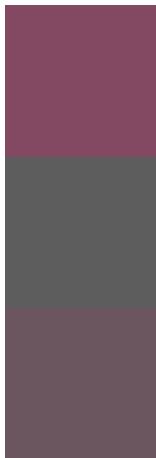
**Original Color**  
834963

**Protanomaly**  
67546A

**Deuteranomaly**  
6E5361

**Tritanomaly**  
824B58

# Monochromacy



**Original Color**  
834963

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
6B565F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 834963 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 #834963 looks like.

```
.text, #text, p{  
    color:#834963  
}
```

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 #834963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #834963
}
```

## Border

The CSS property to change the border of an element to Hex 834963 is called "border". The border property can be set on classes, ids or directly on the HTML element.

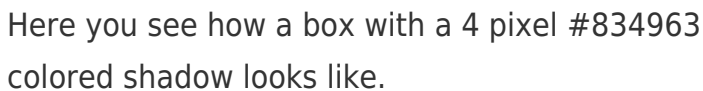
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#834963 }
```

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

```
.border{ border-color:#834963 }
```

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



Here you see how a box with a 4 pixel #834963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #834963; -webkit-box-shadow:4px 4px  
4px 4px #834963; box-shadow:4px 4px 4px  
4px #834963 }
```

# Background

The CSS property to change the background color of an element to Hex 834963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#834963 }
```

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

```
.background{ background-color:#834963 }
```

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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