

# Converting Colors

Hex(834785)

Have a look what the booklet for  
Hex(834785) contains.

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# Color

**Hex(834785)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	834785
RGB	131, 71, 133
RGB Percent	51%, 28%, 52%
CMY	0.4863, 0.7216, 0.4784
CMYK	0.02, 0.47, 0.00, 0.48
HSL	298°, 30%, 40%
HSV	298°, 47%, 52%
XYZ	15.8469, 11.0252, 23.4832
YIQ	96.0080, 15.8580, 32.0020

# Conversions

## Conversions Part 2

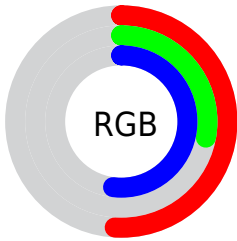
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 71, 133
Decimal	8603525
CIE <sub>Lab</sub>	39.62, 35.44, -24.04
CIE <sub>LCh</sub>	40, 42.823, 325.852
Yxy	11.0252, 0.3147, 0.2189
Android (android.graphics.Color)	4286793605 (0xFF834785)
YUV	96.0080, 18.2371, 30.6880
Hunter-Lab	33.2043, 27.0828, -18.6889

# Details

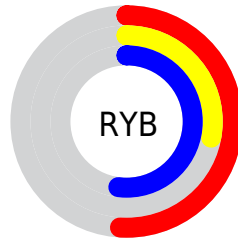
The Hex color **834785** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **498547**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **B979BA**, and **501653** is the 20% darker color. If you saturate the color by 10%, you get **833A85**, and if you desaturate by 10%, it is **835485**.

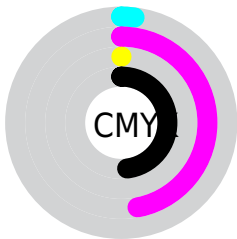
# Distribution



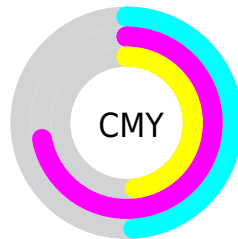
- Red (51%)
- Green (28%)
- Blue (52%)



- Red (51%)
- Yellow (28%)
- Blue (52%)



- Cyan (2%)
- Magenta (47%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (72%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 834785 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 834785 by changing the saturation by 10% instead.



 834785

 834785

FFFFFF

 692F6C

 B979BA

 501653

 D694D6

 37003C

 F2AFF3

 240026

 FFCBFF

 00010E

 FFE7FF

 000000

 834785

 834785

 833A85


 835485

 822C85

 846285

 821F85

 846F85

 811285

 857C85

 810485

 858A85

 810085

 869785

 86A485

 86B185

 87BF85

# Harmonies

## Analogous

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



55569C



834785



993D64

# Triad

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



834785



745A10



006E7B

# Complementary

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



834785



498547

# 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.



006E57



834785



526418

# Square

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



834785



8D4C23



216B34



006B97

# Rectangle

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



834785



9D3D4C



216B34



006E6F



# Sweetspot

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



834785



AD95AD



474985



564857



D6D6D6



575757



# Same Dimension

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



834785



AA4CAD



854768



423C42



7E0082



020003



# Inverse Universe

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



854749



AD4C4F



478564



423C3C



820004

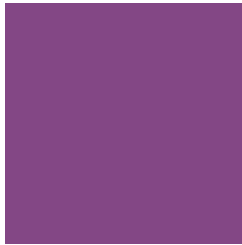


030000



# Previews

## White Background



This preview shows how the Hex color 834785 looks on a white background.

## Color Contrast Check

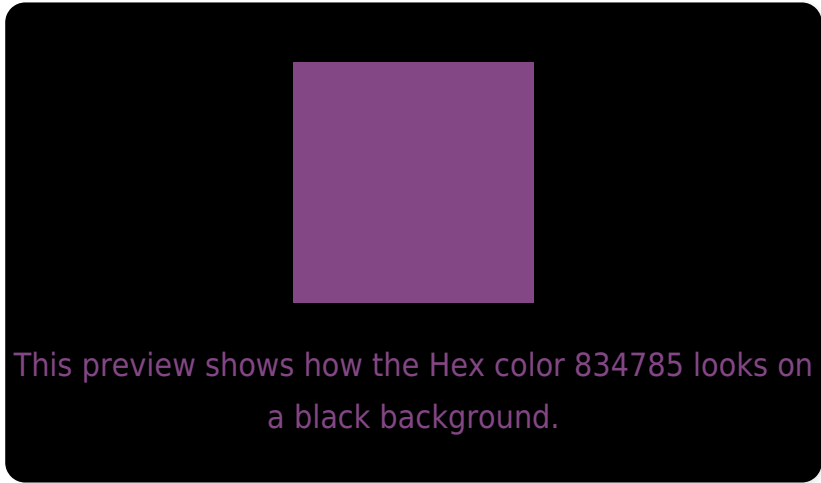
Large Text (above 18pt) WCAG AA ✓ Pass

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

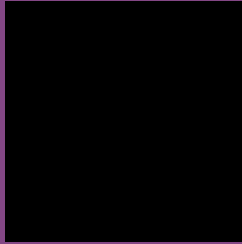
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 834785 Background



This preview shows how black text looks on a background with the Hex color 834785.



This preview shows how white text looks on a background with the Hex color 834785.

# 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**  
7D5258

# Trichromacy



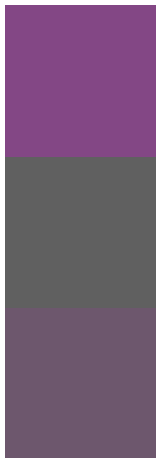
**Original Color**  
834785

**Protanomaly**  
5D5490

**Deuteranomaly**  
645582

**Tritanomaly**  
7F4E68

# Monochromacy



**Original Color**  
834785

**Achromatopsia**  
606060

**Achromatomaly**  
6D576D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 834785 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 #834785 looks like.

```
.text, #text, p{  
    color:#834785  
}
```

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 #834785 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #834785
}
```

## Border

The CSS property to change the border of an element to Hex 834785 is called "border". The border property can be set on classes, ids or directly on the HTML element.

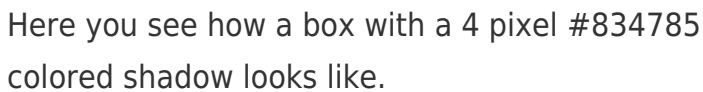
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#834785 }
```

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

```
.border{ border-color:#834785 }
```

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



Here you see how a box with a 4 pixel #834785 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #834785; -webkit-box-shadow:4px 4px  
4px 4px #834785; box-shadow:4px 4px 4px  
4px #834785 }
```

# Background

The CSS property to change the background color of an element to Hex 834785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#834785 }
```

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

```
.background{ background-color:#834785 }
```

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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