

# Converting Colors

Hex(834C90)

Have a look what the booklet for  
Hex(834C90) contains.

<b>Hex(834C90)</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(834C90)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	834C90
RGB	131, 76, 144
RGB Percent	51%, 30%, 56%
CMY	0.4863, 0.7020, 0.4353
CMYK	0.09, 0.47, 0.00, 0.44
HSL	289°, 31%, 43%
HSV	289°, 47%, 56%
XYZ	16.9786, 12.0078, 27.8084
YIQ	100.1970, 10.9520, 32.8080

# Conversions

## Conversions Part 2

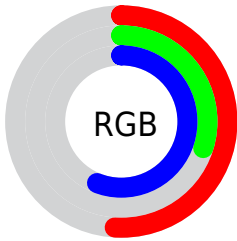
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 76, 144
Decimal	8604816
CIE <sub>Lab</sub>	41.23, 34.92, -28.22
CIE <sub>LCh</sub>	41, 44.899, 321.055
Yxy	12.0078, 0.2989, 0.2114
Android (android.graphics.Color)	4286794896 (0xFF834C90)
YUV	100.1970, 21.5949, 27.0142
Hunter-Lab	34.6523, 26.8181, -23.3236

# Details

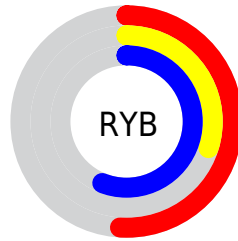
The Hex color **834C90** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **59904C**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **B97FC6**, and **501C5D** is the 20% darker color. If you saturate the color by 10%, you get **803E90**, and if you desaturate by 10%, it is **865A90**.

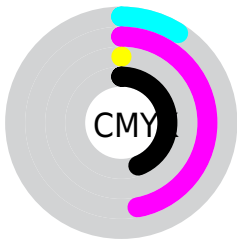
# Distribution



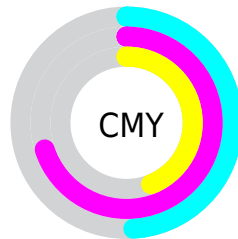
- Red (51%)
- Green (30%)
- Blue (56%)



- Red (51%)
- Yellow (30%)
- Blue (56%)



- Cyan (9%)
- Magenta (47%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (70%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 834C90 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 834C90 by changing the saturation by 10% instead.



834C90

834C90

FFFFFF

693476

B97FC6

501C5D

D699E2

370245

F2B4FF

23002F

FFD0FF

000119

FFEDFF

000000

834C90

834C90

803E90

865A90

7D2F90

896990

7B2190

8B7790

781290

8E8690

750490

919490

740090

94A290

96B190

99BF90

9CCE90

# Harmonies

## Analogous

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



4D5CA6



834C90



9E3F6E

# Triad

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



834C90



7D5C11



00737B

# Complementary

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



834C90



59904C

# 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.



007255



834C90



5B6714

# Square

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



834C90



974D28



2C6E30



00709A

# Rectangle

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



834C90



A43E55



2C6E30



00736E



# Sweetspot

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



834C90



B5A0BA



4C5A90



5B4E5E



DEDEDE



5E5E5E



# Same Dimension

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



834C90



A650BA



904C7C



464047



6D0087



060008



# Inverse Universe

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



904C59



BA5064



4C9060



474042



87001A

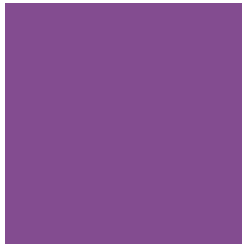


080001



# Previews

## White Background



This preview shows how the Hex color 834C90 looks on a white background.

## Color Contrast Check

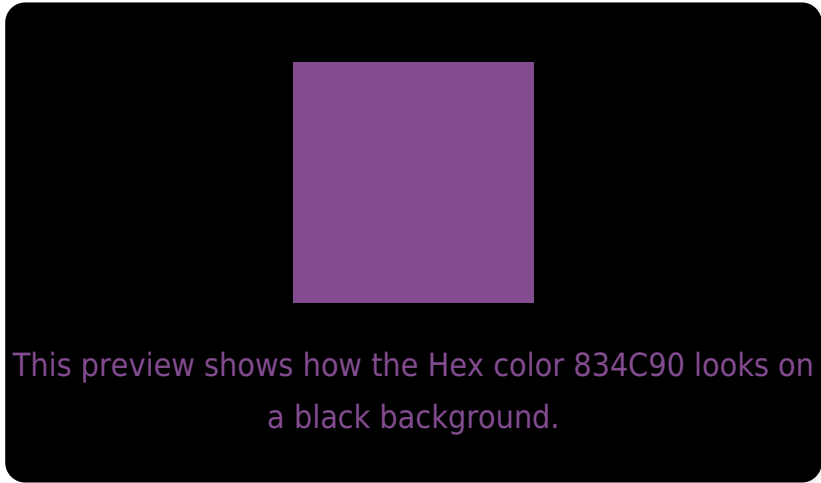
Large Text (above 18pt) WCAG AA ✓ Pass

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

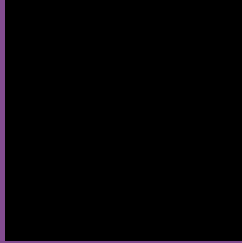
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 834C90 Background



This preview shows how black text looks on a background with the Hex color 834C90.

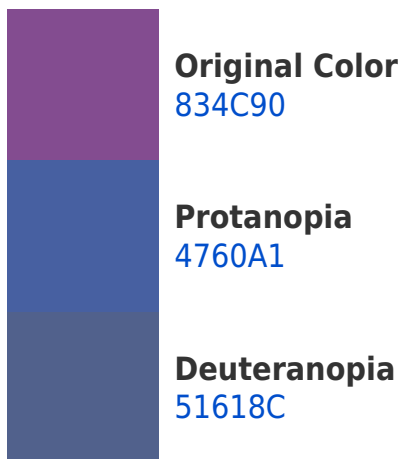



This preview shows how white text looks on a background with the Hex color 834C90.

# 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](#).

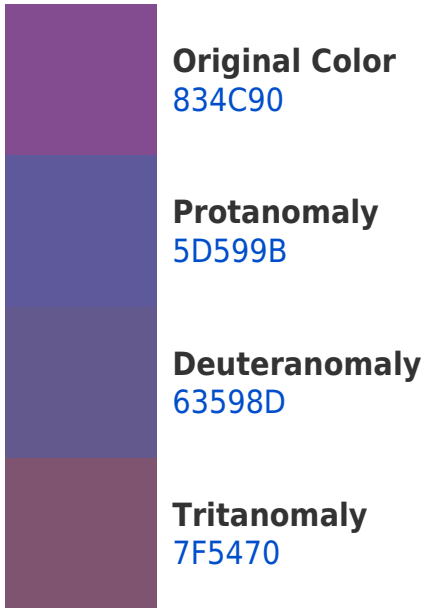
## Dichromacy





**Tritanopia**  
7C585E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 834C90 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 #834C90 looks like.

```
.text, #text, p{  
    color:#834C90  
}
```

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 #834C90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #834C90
}
```

## Border

The CSS property to change the border of an element to Hex 834C90 is called "border". The border property can be set on classes, ids or directly on the HTML element.

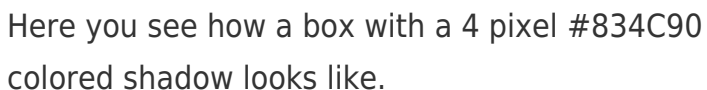
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#834C90 }
```

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

```
.border{ border-color:#834C90 }
```

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



Here you see how a box with a 4 pixel #834C90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #834C90; -webkit-box-shadow:4px 4px  
4px 4px #834C90; box-shadow:4px 4px 4px  
4px #834C90 }
```

# Background

The CSS property to change the background color of an element to Hex 834C90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#834C90 }
```

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

```
.background{ background-color:#834C90 }
```

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