

# Converting Colors

Hex(834C74)

Have a look what the booklet for  
Hex(834C74) contains.

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**Color**

**Hex(834C74)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	834C74
RGB	131, 76, 116
RGB Percent	51%, 30%, 45%
CMY	0.4863, 0.7020, 0.5451
CMYK	0.00, 0.42, 0.11, 0.49
HSL	316°, 27%, 41%
HSV	316°, 42%, 51%
XYZ	15.0969, 11.2551, 17.8998
YIQ	97.0050, 19.9400, 24.1000

# Conversions

## Conversions Part 2

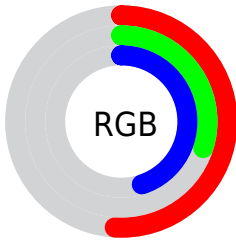
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 76, 116
Decimal	8604788
CIELab	40.01, 29.37, -13.00
CIElCh	40, 32.120, 336.130
Yxy	11.2551, 0.3412, 0.2543
Android (android.graphics.Color)	4286794868 (0xFF834C74)
YUV	97.0050, 9.3645, 29.8136
Hunter-Lab	33.5487, 21.6148, -8.1499

# Details

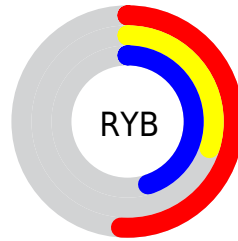
The Hex color **834C74** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4C835B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B97EA8**, and **501D44** is the 20% darker color. If you saturate the color by 10%, you get **833F70**, and if you desaturate by 10%, it is **835978**.

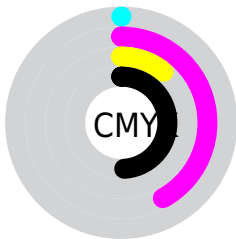
# Distribution



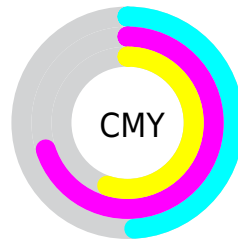
- Red (51%)
- Green (30%)
- Blue (45%)



- Red (51%)
- Yellow (30%)
- Blue (45%)



- Cyan (0%)
- Magenta (42%)
- Yellow (11%)
- Black (49%)



- Cyan (49%)
- Magenta (70%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 834C74 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 834C74 by changing the saturation by 10% instead.



834C74

834C74

FFFFFF

69345B

B97EA8

501D44

D599C3

38052D

F2B4DF

250019

FFCFFC

000000

FFECFF

834C74

834C74

833F70

835978

83326D

83667B

832569

83737F

831866

838082

830A62

838E86

83005F

839B89

83A88D

83B591

83C294

# Harmonies

## Analogous

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



685589



834C74



8F485A

# Triad

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



834C74



695F28



006B7C

# Complementary

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



834C74



4C835B

# 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.



006C63



834C74



4D6632

# Square

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



834C74



7F552E



296A48



00678E

# Rectangle

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



834C74



8F4A49



296A48



006B75



# Sweetspot

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



834C74



AB95A5



5B4C83



574953



D6D6D6



575757



# Same Dimension

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



834C74



AB5594



834C59



423C40



82005F



030002



# Inverse Universe

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



834C74



AB5594



4C8376



423C40



82005F



030002



# Previews

## White Background



This preview shows how the Hex color 834C74 looks on a white background.

## Color Contrast Check

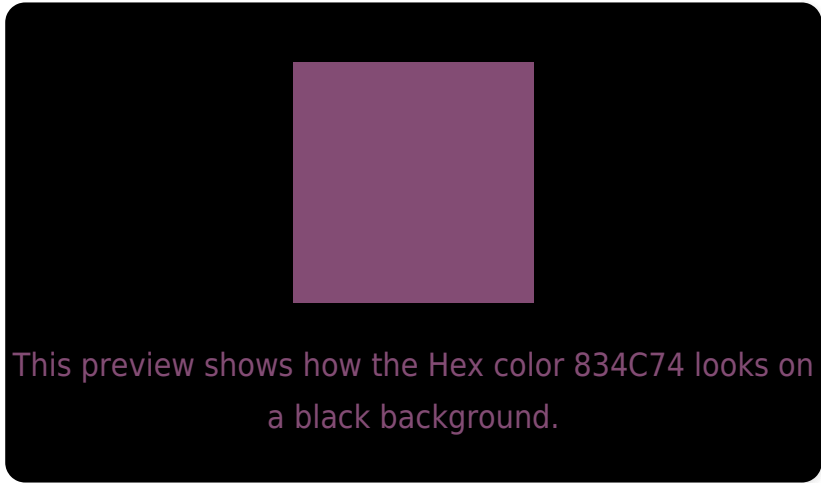
Large Text (above 18pt) WCAG AA ✓ Pass

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

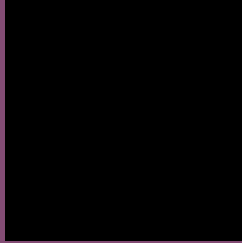
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 834C74 Background



This preview shows how black text looks on a background with the Hex color 834C74.

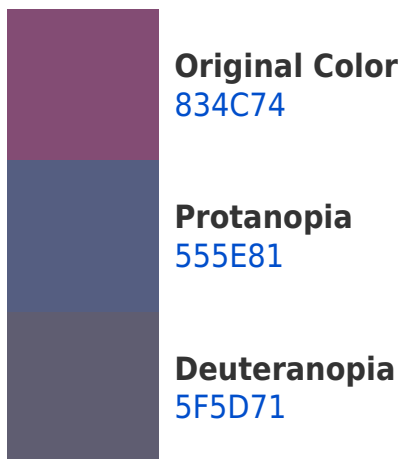



This preview shows how white text looks on a background with the Hex color 834C74.

# 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**  
805258

# Trichromacy



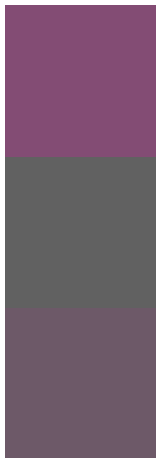
**Original Color**  
834C74

**Protanomaly**  
66577C

**Deuteranomaly**  
6C5772

**Tritanomaly**  
815062

# Monochromacy



**Original Color**  
834C74

**Achromatopsia**  
616161

**Achromatomaly**  
6D5968

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 834C74 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 #834C74 looks like.

```
.text, #text, p{  
    color:#834C74  
}
```

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 #834C74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #834C74
}
```

## Border

The CSS property to change the border of an element to Hex 834C74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

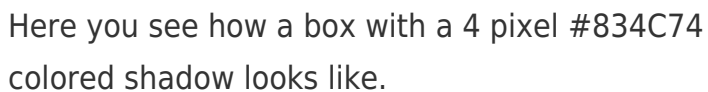
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#834C74 }
```

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

```
.border{ border-color:#834C74 }
```

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



Here you see how a box with a 4 pixel #834C74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #834C74; -webkit-box-shadow:4px 4px  
4px 4px #834C74; box-shadow:4px 4px 4px  
4px #834C74 }
```

# Background

The CSS property to change the background color of an element to Hex 834C74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#834C74 }
```

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

```
.background{ background-color:#834C74 }
```

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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