

Converting Colors

Hex(834199)

Have a look what the booklet for
Hex(834199) contains.

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Color

Hex(834199)

Conversions

Conversions Part 1

Format	Color
Hex	834199
RGB	131, 65, 153
RGB Percent	51%, 25%, 60%
CMY	0.4863, 0.7451, 0.4000
CMYK	0.14, 0.58, 0.00, 0.40
HSL	285°, 40%, 43%
HSV	285°, 58%, 60%
XYZ	17.0001, 10.9058, 31.3460
YIQ	94.7660, 11.0880, 41.3600

Conversions

Conversions Part 2

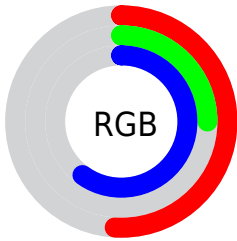
Format	Color
R_{YB}	131, 65, 153
Decimal	8602009
CIE _{Lab}	39.42, 42.83, -36.51
CIE _{LCh}	39, 56.276, 319.557
Yxy	10.9058, 0.2869, 0.1841
Android (android.graphics.Color)	4286792089 (0xFF834199)
YUV	94.7660, 28.7094, 31.7772
Hunter-Lab	33.0239, 34.0968, -33.1608

Details

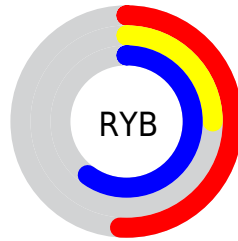
The Hex color **834199** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **579941**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **BA74D0**, and **4F0C65** is the 20% darker color. If you saturate the color by 10%, you get **7F3299**, and if you desaturate by 10%, it is **875099**.

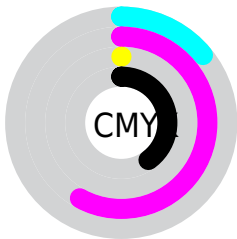
Distribution



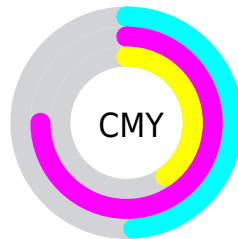
- Red (51%)
- Green (25%)
- Blue (60%)



- Red (51%)
- Yellow (25%)
- Blue (60%)



- Cyan (14%)
- Magenta (58%)
- Yellow (0%)
- Black (40%)



- Cyan (49%)
- Magenta (75%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 834199 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 834199 by changing the saturation by 10% instead.

834199

834199

FFFFFF

68287F

BA74D0

4F0C65

D68EEC

35004D

F4AAFF

210036

FFC5FF

00021F

FFE2FF

000002

000000

834199

834199

7F3299

875099

7B2299

8B6099

781399

8E6F99

740499

927E99

730099

968D99

9A9D99

9EAC99

A2BB99

A5CB99

Harmonies

Analogous

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



3258B4



834199



A62A6F

Triad

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



834199



7E5500



00717A

Complementary

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



834199



579941

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.



00704B



834199



546400

Square

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



834199



9D4015



0D6C1A



006FA2

Rectangle

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



834199



AD2750



0D6C1A



00716B

Sweetspot

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



834199



BEA5C7



415799



5E5063



E3E3E3



636363

Same Dimension

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



834199



A53EC7



994183



4B454D



69008C



0A000D

Inverse Universe

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



994157



C73E60



419957



4D4547



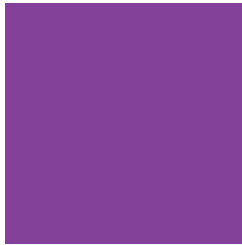
8C0023



0D0003

Previews

White Background



This preview shows how the Hex color 834199 looks on a white background.

Color Contrast Check

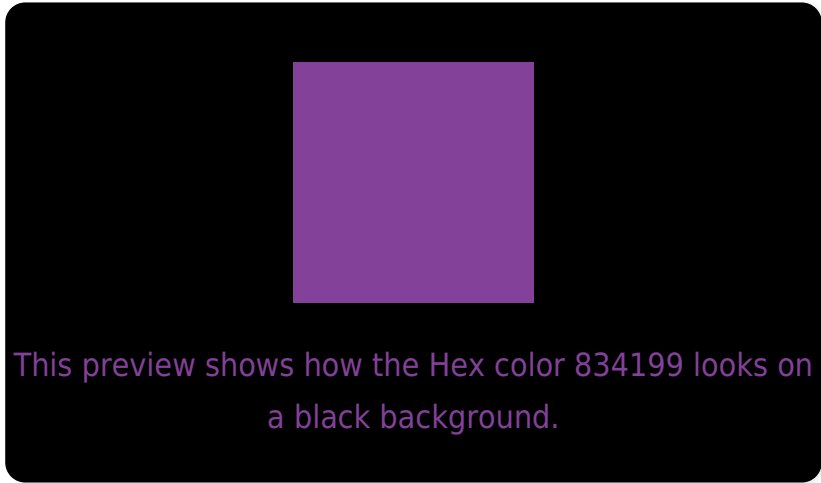
Large Text (above 18pt) WCAG AA ✓ Pass

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 834199 Background



This preview shows how black text looks on a background with the Hex color 834199.

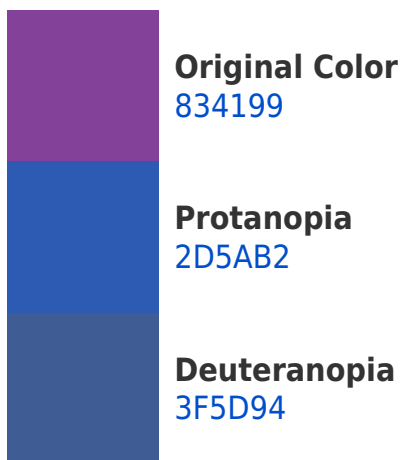


This preview shows how white text looks on a background with the Hex color 834199.

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](#).

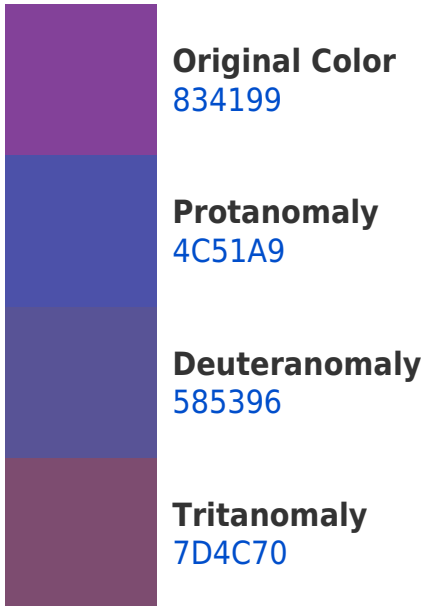
Dichromacy



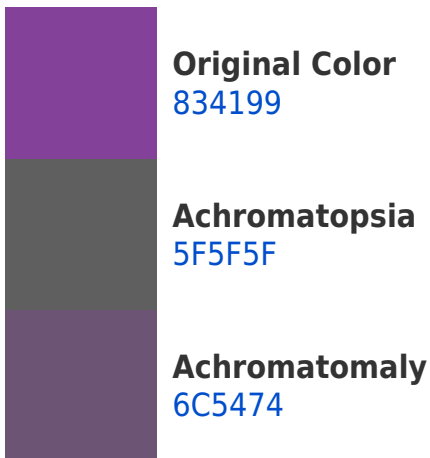


Tritanopia
7A5259

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 834199 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 #834199 looks like.

```
.text, #text, p{  
    color:#834199  
}
```

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 #834199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #834199
}
```

Border

The CSS property to change the border of an element to Hex 834199 is called "border". The border property can be set on classes, ids or directly on the HTML element.

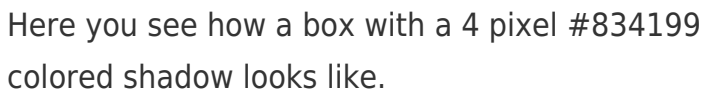
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#834199 }
```

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

```
.border{ border-color:#834199 }
```

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



Here you see how a box with a 4 pixel #834199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #834199; -webkit-box-shadow:4px 4px  
4px 4px #834199; box-shadow:4px 4px 4px  
4px #834199 }
```

Background

The CSS property to change the background color of an element to Hex 834199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#834199 }
```

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

```
.background{ background-color:#834199 }
```

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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