

# Converting Colors

Hex(C434CE)

Have a look what the booklet for  
Hex(C434CE) contains.

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# Color

Hex(C434CE)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C434CE
RGB	196, 52, 206
RGB Percent	77%, 20%, 81%
CMY	0.2314, 0.7961, 0.1922
CMYK	0.05, 0.75, 0.00, 0.19
HSL	296°, 61%, 51%
HSV	296°, 75%, 81%
XYZ	35.1335, 18.6480, 60.1402
YIQ	112.6120, 36.3900, 78.4220

# Conversions

## Conversions Part 2

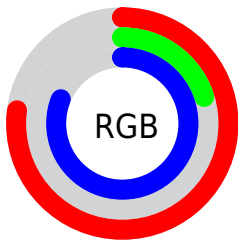
Format	Color
<b>RYB</b>	196, 52, 206
Decimal	12858574
CIELab	50.27, 73.18, -49.83
CIELCh	50, 88.535, 325.746
Yxy	18.6480, 0.3084, 0.1637
Android (android.graphics.Color)	4291048654 (0xFFC434CE)
YUV	112.6120, 46.0403, 73.1313
Hunter-Lab	43.1833, 69.6551, -52.3432

# Details

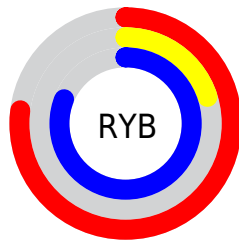
The Hex color **C434CE** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **3ECE34**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF71FF**, and **8A0097** is the 20% darker color. If you saturate the color by 10%, you get **C31FCE**, and if you desaturate by 10%, it is **C549CE**.

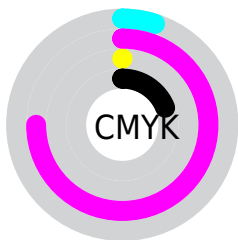
# Distribution



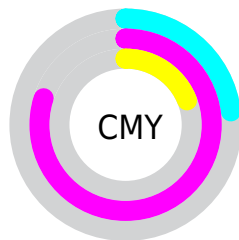
- Red (77%)
- Green (20%)
- Blue (81%)



- Red (77%)
- Yellow (20%)
- Blue (81%)



- Cyan (5%)
- Magenta (75%)
- Yellow (0%)
- Black (19%)



- Cyan (23%)
- Magenta (80%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C434CE 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 C434CE by changing the saturation by 10% instead.



 C434CE

 C434CE

FFFFFF

 A700B2

 FF71FF

 8A0097

 FF8EFF

 6E007C

 FFABFF

 520063

 FFC9FF

 38004A

 FFE6FF

 190033

 00021C

 000000

 C434CE

 C434CE

 C31FCE

 C549CE

 C10BCE

 C75DCE

 C100CE

 C872CE

 C986CE

 CB9BCE

 CCB0CE

 CDC4CE

 CFD9CE

 D0EDCE

# Harmonies

## Analogous

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



4369FF



C434CE



F10086

# Triad

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



C434CE



9B7100



0096B8

# Complementary

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



C434CE



3ECE34

# 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.



00956A



C434CE



518600

# Square

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



C434CE



D14C00



00900E



0093F5

# Rectangle

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



C434CE



F60054



00900E



00969F



# Sweetspot

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



C434CE



FBC7FF



343ECE



7D5E80



000000



808080



# Same Dimension

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



C434CE



F019FF



CE348B



655C66



9B00A6



240026



# Inverse Universe

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



CE343E



FF1928



34CE77



665C5C



A6000B

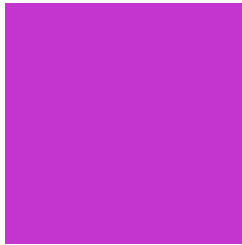


260002



# Previews

## White Background



This preview shows how the Hex color C434CE looks on a white background.

## Color Contrast Check

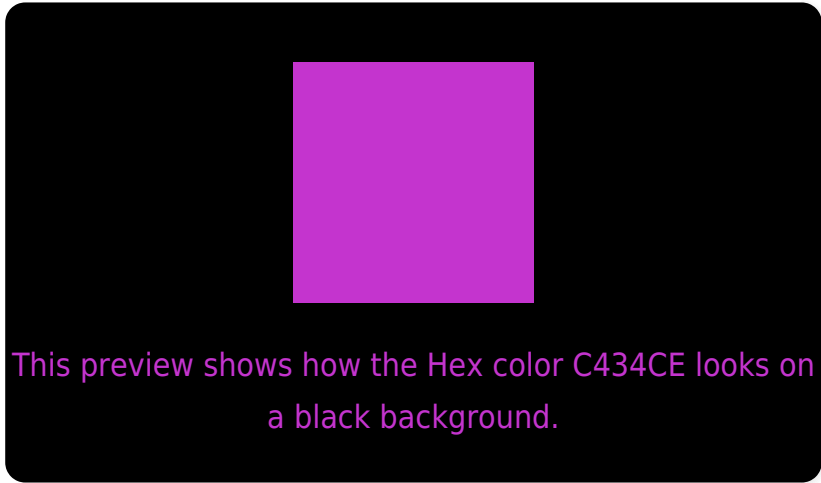
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

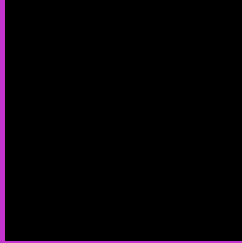
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C434CE Background



This preview shows how black text looks on a background with the Hex color C434CE.

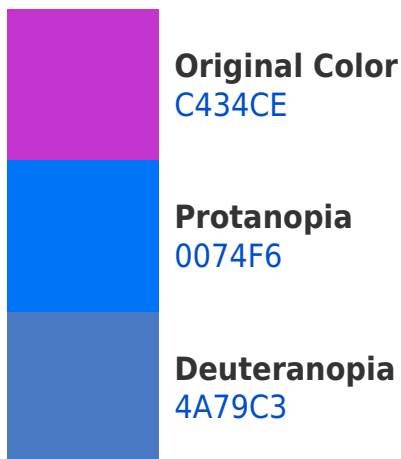


This preview shows how white text looks on a background with the Hex color C434CE.

# 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](#).

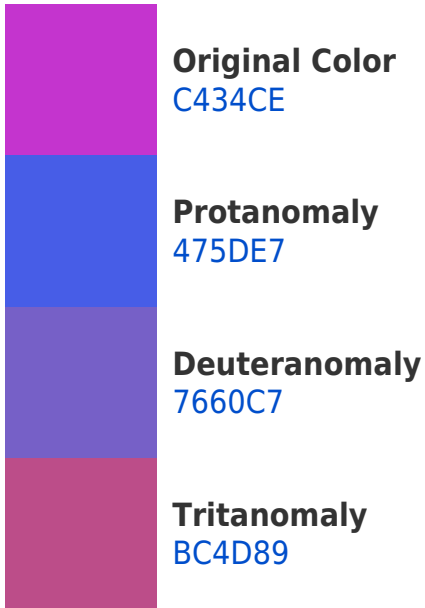
## Dichromacy





**Tritanopia**  
B75C62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C434CE 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 #C434CE looks like.

```
.text, #text, p{  
    color:#C434CE  
}
```

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 #C434CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C434CE
}
```

## Border

The CSS property to change the border of an element to Hex C434CE 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
#C434CE }
```

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

```
.border{ border-color:#C434CE }
```

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

Here you see how a box with a 4 pixel #C434CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C434CE; -webkit-box-shadow:4px 4px  
4px 4px #C434CE; box-shadow:4px 4px 4px  
4px #C434CE }
```

# Background

The CSS property to change the background color of an element to Hex C434CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C434CE }
```

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

```
.background{ background-color:#C434CE }
```

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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