

# Converting Colors

Hex(C449BF)

Have a look what the booklet for  
Hex(C449BF) contains.

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# Color

Hex(C449BF)

# Conversions

## Conversions Part 1

Format	Color
Hex	C449BF
RGB	196, 73, 191
RGB Percent	77%, 29%, 75%
CMY	0.2314, 0.7137, 0.2510
CMYK	0.00, 0.63, 0.03, 0.23
HSL	302°, 51%, 53%
HSV	302°, 63%, 77%
XYZ	34.5515, 20.2624, 51.3802
YIQ	123.2290, 35.4300, 62.7740

# Conversions

## Conversions Part 2

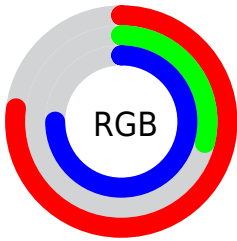
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 73, 191
Decimal	12863935
CIELab	52.13, 63.17, -38.24
CIELCh	52, 73.841, 328.813
Yxy	20.2624, 0.3254, 0.1908
Android (android.graphics.Color)	4291054015 (0xFFC449BF)
YUV	123.2290, 33.4111, 63.8202
Hunter-Lab	45.0138, 58.2379, -36.1658

# Details

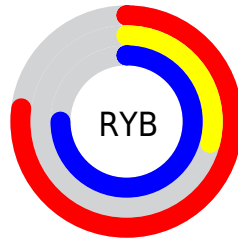
The Hex color **C449BF** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **49C44E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF81F8**, and **8B0089** is the 20% darker color. If you saturate the color by 10%, you get **C435BE**, and if you desaturate by 10%, it is **C45DC0**.

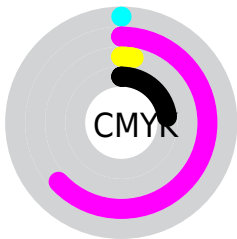
# Distribution



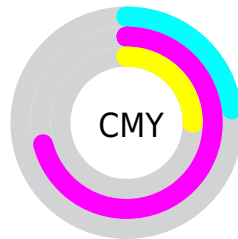
- Red (77%)
- Green (29%)
- Blue (75%)



- Red (77%)
- Yellow (29%)
- Blue (75%)



- Cyan (0%)
- Magenta (63%)
- Yellow (3%)
- Black (23%)



- Cyan (23%)
- Magenta (71%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C449BF 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 C449BF by changing the saturation by 10% instead.



 C449BF

 C449BF

FFFFFF

 A72AA4

 FF81F8

 8B0089

 FF9EFF

 6F006F

 FFBAFF

 540056

 FFD7FF

 3B003F

 FFF4FF

 1F0028

 000111

 000000

 C449BF

 C449BF

 C435BE

 C45DC0

 C422BD

 C470C1

 C40EBD

 C484C1

 C400BC

 C497C2

 C4ABC3

 C4BFC4

 C4D2C5

 C4E6C5

 C4F9C6

# Harmonies

## Analogous

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



6F6CED



C449BF



E72B82

# Triad

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



C449BF



997900



0098B8

# Complementary

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



C449BF



49C44E

# 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.



009778



C449BF



5A8A00

# Square

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



C449BF



C85E00



009335



0093E9

# Rectangle

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



C449BF



E93158



009335



0098A4



# Sweetspot

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



C449BF



FFCFFD



4D49C4



80627E



000000



808080



# Same Dimension

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



C449BF



FF40F7



C44982



615761



A1009A



210020



# Inverse Universe

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



C449BF



FF40F7



49C48B



615761



A1009A



210020



# Previews

## White Background



This preview shows how the Hex color C449BF looks on a white background.

## Color Contrast Check

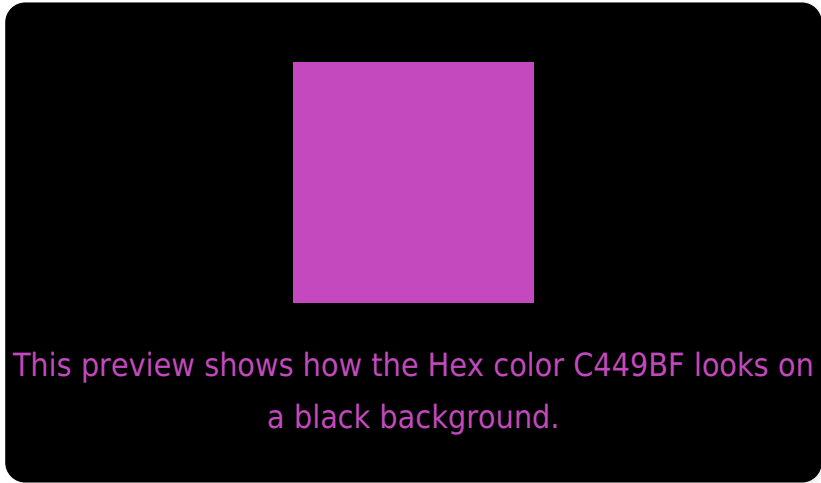
Large Text (above 18pt) WCAG AA ✓ Pass

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

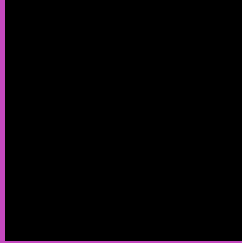
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C449BF Background



This preview shows how black text looks on a background with the Hex color C449BF.

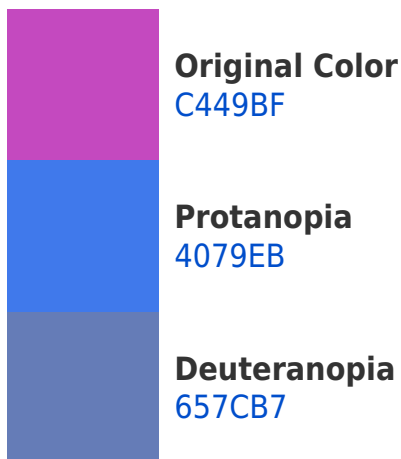


This preview shows how white text looks on a background with the Hex color C449BF.

# 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





# Trichromacy



**Original Color**  
C449BF



**Protanomaly**  
7068DB



**Deuteranomaly**  
8869BA



**Tritanomaly**  
BE5988

# Monochromacy



**Original Color**  
C449BF



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
966994

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C449BF 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 #C449BF looks like.

```
.text, #text, p{  
    color:#C449BF  
}
```

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 #C449BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C449BF
}
```

## Border

The CSS property to change the border of an element to Hex C449BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

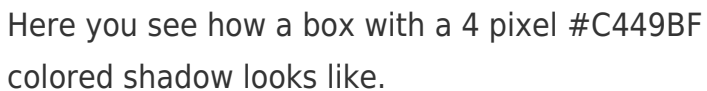
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C449BF }
```

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

```
.border{ border-color:#C449BF }
```

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



Here you see how a box with a 4 pixel `#C449BF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C449BF; -webkit-box-shadow:4px 4px  
4px 4px #C449BF; box-shadow:4px 4px 4px  
4px #C449BF }
```

# Background

The CSS property to change the background color of an element to Hex C449BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C449BF }
```

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

```
.background{ background-color:#C449BF }
```

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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