

# Converting Colors

Hex(C5A8CF)

Have a look what the booklet for  
Hex(C5A8CF) contains.

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# **Color**

**Hex(C5A8CF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5A8CF
RGB	197, 168, 207
RGB Percent	77%, 66%, 81%
CMY	0.2275, 0.3412, 0.1882
CMYK	0.05, 0.19, 0.00, 0.19
HSL	285°, 29%, 74%
HSV	285°, 19%, 81%
XYZ	48.2911, 44.3806, 65.0526
YIQ	181.1170, 4.7650, 18.2770

# Conversions

## Conversions Part 2

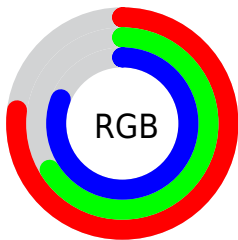
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 168, 207
Decimal	12953807
CIE <sub>Lab</sub>	72.48, 17.59, -15.89
CIE <sub>LCh</sub>	72, 23.704, 317.898
Yxy	44.3806, 0.3062, 0.2814
Android (android.graphics.Color)	4291143887 (0xFFC5A8CF)
YUV	181.1170, 12.7603, 13.9294
Hunter-Lab	66.6187, 12.8096, -11.2630

# Details

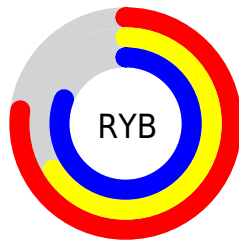
The Hex color **C5A8CF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B2CFA8**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FEDFFF**, and **8F7499** is the 20% darker color. If you saturate the color by 10%, you get **C093CF**, and if you desaturate by 10%, it is **CABDCF**.

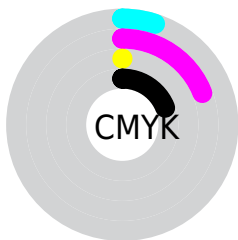
# Distribution



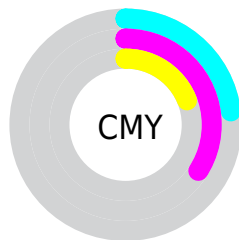
- Red (77%)
- Green (66%)
- Blue (81%)



- Red (77%)
- Yellow (66%)
- Blue (81%)



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



- Cyan (23%)
- Magenta (34%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5A8CF 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 C5A8CF by changing the saturation by 10% instead.



 C5A8CF

 C5A8CF

FFFFFF

 AA8DB3

 FEDFFF

 8F7499

 FFFCFF

 755B7F

 5C4366

 442D4D

 2D1837

 1B0021

 000007

 000000

 C5A8CF

 C5A8CF

 C093CF

 CABDCF

 BA7FCF

 D0D1CF

 B56ACF

 D5E6CF

 B055CF

 DAFBCF

 AA40CF

 E0FFCF

 A52CCF

 E5FFCF

 A017CF

 EAFFCF

 9B02CF

 EFFF CF

 9A00CF

 F5FFCF

# Harmonies

## Analogous

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



AAAFDB



C5A8CF



D8A3BB

# Triad

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



C5A8CF



CAAD88



75BEBE

# Complementary

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



C5A8CF



B2CFA8

# 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.



84BEA8



C5A8CF



B4B488

# Square

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



C5A8CF



D9A793



9CBA94



78BCD1

# Rectangle

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



C5A8CF



DEA2AD



9CBA94



79BEB7



# Sweetspot

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



C5A8CF



FBF0FF



A8B2CF



7D7780



000000



808080



# Same Dimension

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



C5A8CF



F0C4FF



CFA8C6



665E69



7D00A8



1E0029



# Inverse Universe

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



CFA8B2



FFC4D3



A8CFB1



695E61



A8002B

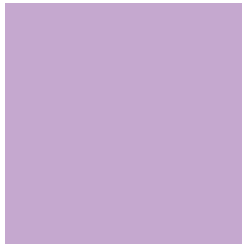


29000A



# Previews

## White Background



This preview shows how the Hex color C5A8CF looks on a white background.

## Color Contrast Check

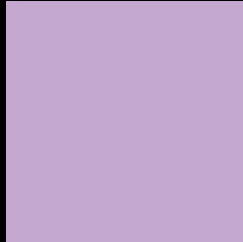
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color C5A8CF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

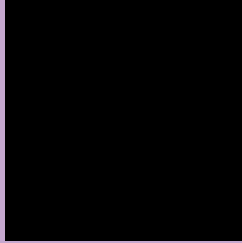
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C5A8CF Background



This preview shows how black text looks on a background with the Hex color C5A8CF.

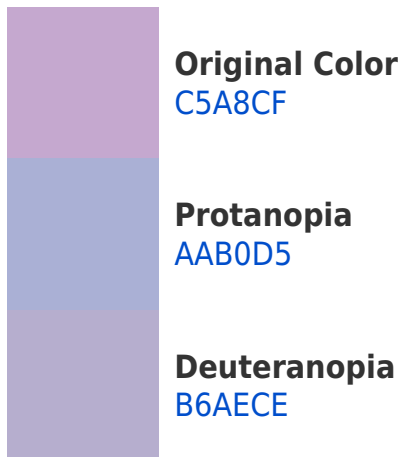


This preview shows how white text looks on a background with the Hex color C5A8CF.

# 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](#).

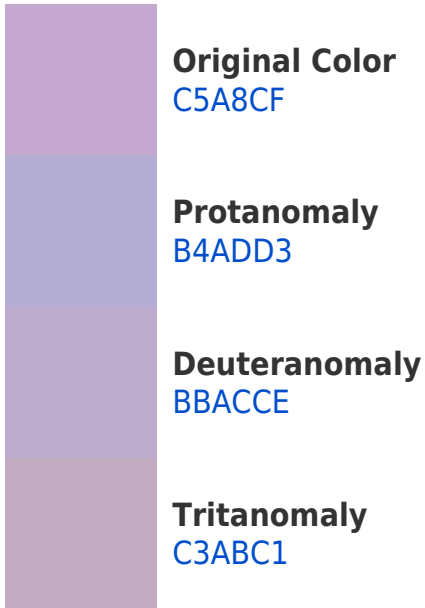
## Dichromacy





**Tritanopia**  
C2ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5A8CF 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 #C5A8CF looks like.

```
.text, #text, p{  
    color:#C5A8CF  
}
```

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 #C5A8CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5A8CF
}
```

## Border

The CSS property to change the border of an element to Hex C5A8CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

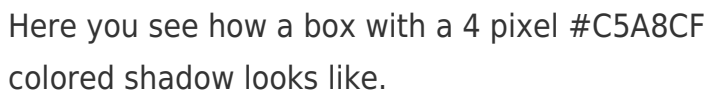
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C5A8CF }
```

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

```
.border{ border-color:#C5A8CF }
```

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



Here you see how a box with a 4 pixel `#C5A8CF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5A8CF; -webkit-box-shadow:4px 4px  
4px 4px #C5A8CF; box-shadow:4px 4px 4px  
4px #C5A8CF }
```

# Background

The CSS property to change the background color of an element to Hex C5A8CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5A8CF }
```

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

```
.background{ background-color:#C5A8CF }
```

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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