

# Converting Colors

Hex(C595BF)

Have a look what the booklet for  
Hex(C595BF) contains.

<b>Hex(C595BF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C595BF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C595BF
RGB	197, 149, 191
RGB Percent	77%, 58%, 75%
CMY	0.2275, 0.4157, 0.2510
CMYK	0.00, 0.24, 0.03, 0.23
HSL	308°, 29%, 68%
HSV	308°, 24%, 77%
XYZ	43.1774, 37.1268, 54.1807
YIQ	168.1400, 15.1260, 23.2380

# Conversions

## Conversions Part 2

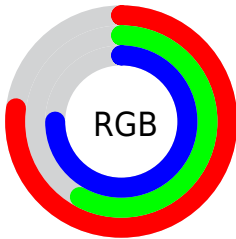
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 149, 191
Decimal	12948927
CIE <sub>Lab</sub>	67.37, 25.00, -14.74
CIE <sub>LCh</sub>	67, 29.024, 329.476
Yxy	37.1268, 0.3211, 0.2761
Android (android.graphics.Color)	4291139007 (0xFFC595BF)
YUV	168.1400, 11.2700, 25.3102
Hunter-Lab	60.9318, 19.8578, -10.0686

# Details

The Hex color **C595BF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **95C59B**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FECBF7**, and **8F628A** is the 20% darker color. If you saturate the color by 10%, you get **C581BD**, and if you desaturate by 10%, it is **C5A9C1**.

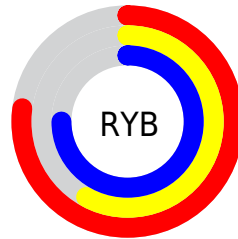
# Distribution



Red (77%)

Green (58%)

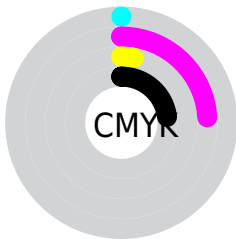
Blue (75%)



Red (77%)

Yellow (58%)

Blue (75%)

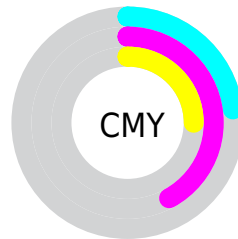


Cyan (0%)

Magenta (24%)

Yellow (3%)

Black (23%)



Cyan (23%)

Magenta (42%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C595BF 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 C595BF by changing the saturation by 10% instead.



 C595BF

 C595BF

FFFFFF

 A97BA4

 FECBF7

 8F628A

 FFE8FF

 754970

 5B3258

 431C40

 2C052A

 150015

 000000

 C595BF

 C595BF

 C581BD

 C5A9C1

 C56EBA

 C5BCC4

 C55AB8

 C5D0C6

 C546B5

 C5E4C9

 C533B3

 C5F8CB

 C51FB0

 C5FFCE

 C50BAE

 C5FFD0

 C500AC

 C5FFD3

 C5FFD5

# Harmonies

## Analogous

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



A79DD1



C595BF



D691A5

# Triad

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



C595BF



B7A270



50B2BD

# Complementary

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



C595BF



95C59B

# 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.



60B2A3



C595BF



9BAA76

# Square

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



C595BF



CC9978



7DB089



5EAED0

# Rectangle

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



C595BF



D99194



7DB089



53B2B5



# Sweetspot

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



C595BF



FFEDFD



9B95C5



80757E



000000



808080



# Same Dimension

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



C595BF



FFB5F6



C595A7



635A62



A3008F



24001F



# Inverse Universe

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



C595BF



FFB5F6



95C5B3



635A62



A3008F

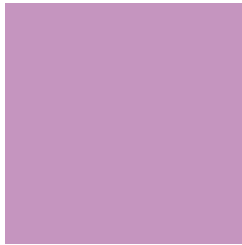


24001F



# Previews

## White Background



This preview shows how the Hex color C595BF looks on a white background.

## Color Contrast Check

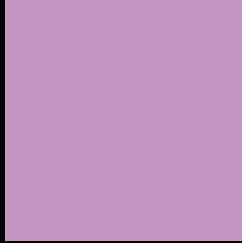
Large Text (above 18pt) WCAG AA × Fail

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 C595BF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

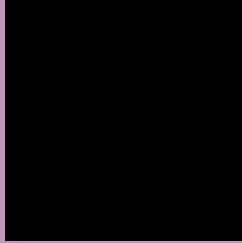
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C595BF Background



This preview shows how black text looks on a background with the Hex color C595BF.

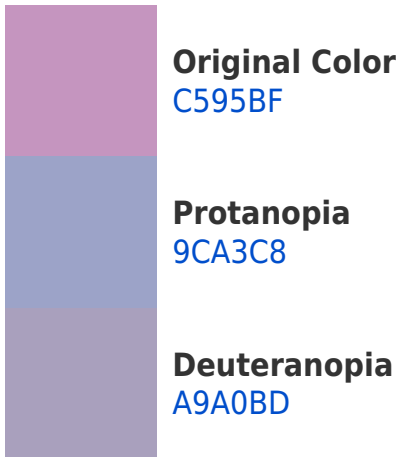


This preview shows how white text looks on a background with the Hex color C595BF.

# 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](#).

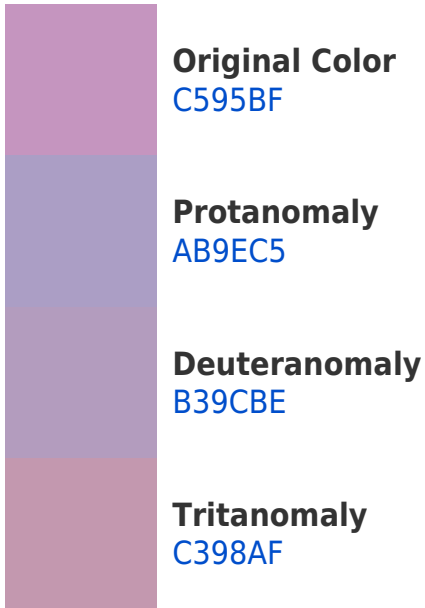
## Dichromacy



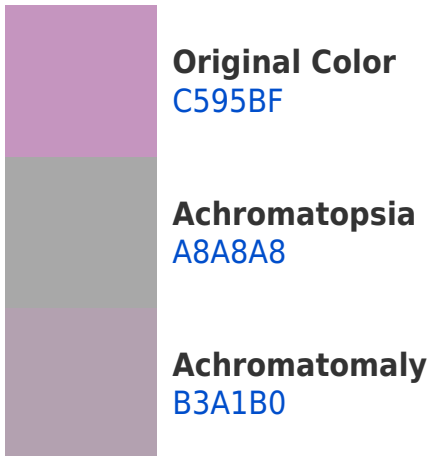


**Tritanopia**  
C29AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C595BF 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 #C595BF looks like.

```
.text, #text, p{  
    color:#C595BF  
}
```

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 #C595BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C595BF
}
```

## Border

The CSS property to change the border of an element to Hex C595BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

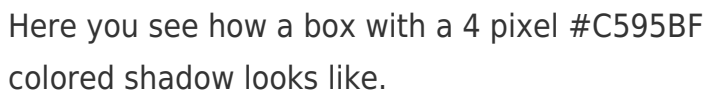
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C595BF }
```

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

```
.border{ border-color:#C595BF }
```

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



Here you see how a box with a 4 pixel `#C595BF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C595BF; -webkit-box-shadow:4px 4px  
4px 4px #C595BF; box-shadow:4px 4px 4px  
4px #C595BF }
```

# Background

The CSS property to change the background color of an element to Hex C595BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C595BF }
```

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

```
.background{ background-color:#C595BF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor