

# Converting Colors

Hex(C59DBC)

Have a look what the booklet for  
Hex(C59DBC) contains.

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# **Color**

**Hex(C59DBC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C59DBC
RGB	197, 157, 188
RGB Percent	77%, 62%, 74%
CMY	0.2275, 0.3843, 0.2627
CMYK	0.00, 0.20, 0.05, 0.23
HSL	314°, 26%, 69%
HSV	314°, 20%, 77%
XYZ	44.1600, 39.6151, 52.8959
YIQ	172.4940, 13.8890, 18.1210

# Conversions

## Conversions Part 2

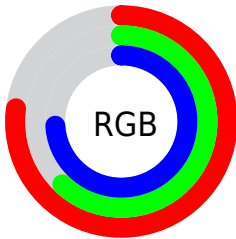
Format	Color
<a href="#">RYB</a>	<a href="#">197, 157, 188</a>
Decimal	<a href="#">12950972</a>
CIELab	<a href="#">69.19, 20.04, -10.34</a>
CIELCh	<a href="#">69, 22.549, 332.716</a>
Yxy	<a href="#">39.6151, 0.3231, 0.2899</a>
Android (android.graphics.Color)	<a href="#">4291141052 (0xFFC59DBC)</a>
YUV	<a href="#">172.4940, 7.6445, 21.4918</a>
Hunter-Lab	<a href="#">62.9405, 15.0924, -5.7696</a>

# Details

The Hex color **C59DBC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9DC5A6**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FED4F4**, and **8F6987** is the 20% darker color. If you saturate the color by 10%, you get **C589B8**, and if you desaturate by 10%, it is **C5B1C0**.

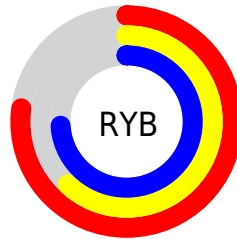
# Distribution



Red (77%)

Green (62%)

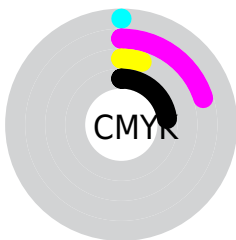
Blue (74%)



Red (77%)

Yellow (62%)

Blue (74%)

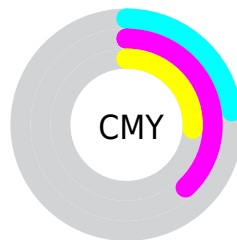


Cyan (0%)

Magenta (20%)

Yellow (5%)

Black (23%)



Cyan (23%)

Magenta (38%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C59DBC 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 C59DBC by changing the saturation by 10% instead.



 C59DBC

FFFFFF

 FED4F4

 FFF0FF

 C59DBC

 AA83A1

 8F6987

 75516D

 5C3A55

 44233E

 2D0E28

 190014

 000000

 C59DBC

 C59DBC

 C589B8

 C5B1C0

 C576B3

 C5C4C5

 C562AF

 C5D8C9

 C54EAA

 C5ECCE

 C53BA6

 C5FFD2

 C527A1

 C5FFD7

 C5139D

 C5FFDB

 C50099

 C5FFDF

 C5FFE4

# Harmonies

## Analogous

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



AFA3CB



C59DBC



D19AA8

# Triad

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



C59DBC



B6A880



6FB4BE

# Complementary

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



C59DBC



9DC5A6

# 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.



76B5AA



C59DBC



A0AE86

# Square

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



C59DBC



C8A185



89B396



7AB0CD

# Rectangle

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



C59DBC



D39B9A



89B396



6FB4B8



# Sweetspot

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



C59DBC



FFF0FC



A69DC5



80777D



000000



808080



# Same Dimension

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



C59DBC



FFC2F1



C59DA8



635A61



A3007E



24001C



# Inverse Universe

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



C59DBC



FFC2F1



9DC5BA



635A61



A3007E

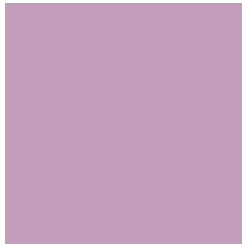


24001C



# Previews

## White Background



This preview shows how the Hex color C59DBC looks on a white background.

## Color Contrast Check

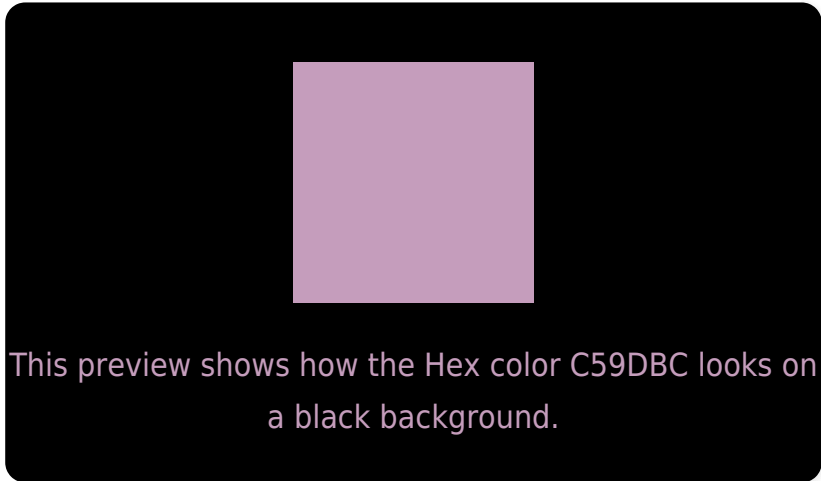
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

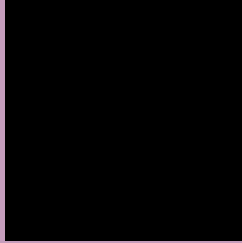
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C59DBC Background



This preview shows how black text looks on a background with the Hex color C59DBC.

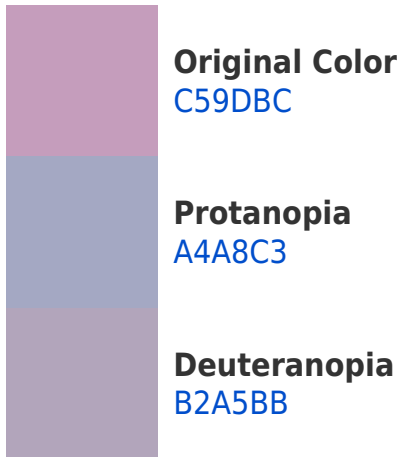


This preview shows how white text looks on a background with the Hex color C59DBC.

# 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](#).

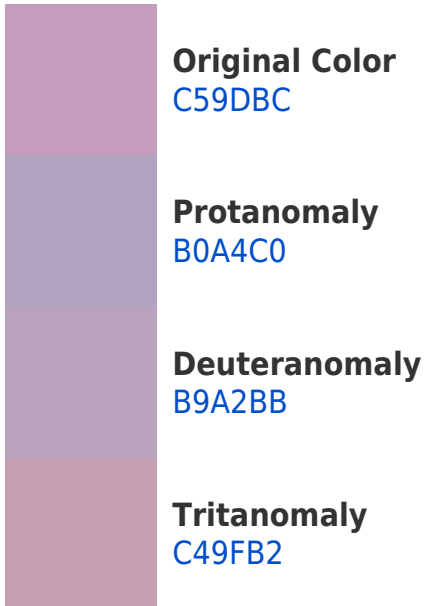
## Dichromacy



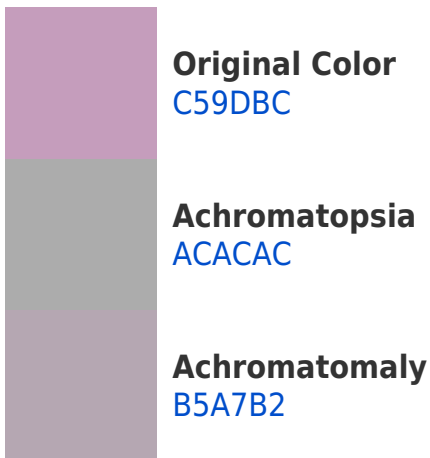


**Tritanopia**  
C3A0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C59DBC 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 #C59DBC looks like.

```
.text, #text, p{  
    color:#C59DBC  
}
```

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 #C59DBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C59DBC
}
```

## Border

The CSS property to change the border of an element to Hex C59DBC 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
#C59DBC }
```

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

```
.border{ border-color:#C59DBC }
```

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

Here you see how a box with a 4 pixel #C59DBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C59DBC; -webkit-box-shadow:4px 4px  
4px 4px #C59DBC; box-shadow:4px 4px 4px  
4px #C59DBC }
```

# Background

The CSS property to change the background color of an element to Hex C59DBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C59DBC }
```

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

```
.background{ background-color:#C59DBC }
```

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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