

# Converting Colors

Hex(D59CBF)

Have a look what the booklet for  
Hex(D59CBF) contains.

|  |    |
|--|----|
| <b>Hex(D59CBF)</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(D59CBF)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | D59CBF                     |
| RGB         | 213, 156, 191              |
| RGB Percent | 84%, 61%, 75%              |
| CMY         | 0.1647, 0.3882, 0.2510     |
| CMYK        | 0.00, 0.27, 0.10, 0.16     |
| HSL         | 323°, 40%, 72%             |
| HSV         | 323°, 27%, 84%             |
| XYZ         | 48.7330, 41.6847, 54.7676  |
| YIQ         | 177.0330, 22.7370, 22.9690 |

# Conversions

## Conversions Part 2

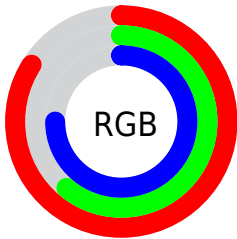
| Format                              | Color                        |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 213, 156, 191                |
| Decimal                             | 13999295                     |
| CIE Lab                             | 70.65, 26.68, -9.65          |
| CIE LCh                             | 71, 28.378, 340.109          |
| Yxy                                 | 41.6847, 0.3357,<br>0.2871   |
| Android<br>(android.graphics.Color) | 4292189375<br>(0xFFD59CBF)   |
| YUV                                 | 177.0330, 6.8857,<br>31.5431 |
| Hunter-Lab                          | 64.5637, 21.7464,<br>-5.0996 |

# Details

The Hex color **D59CBF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9CD5B2**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFD3F7**, and **9E688A** is the 20% darker color. If you saturate the color by 10%, you get **D587B7**, and if you desaturate by 10%, it is **D5B1C7**.

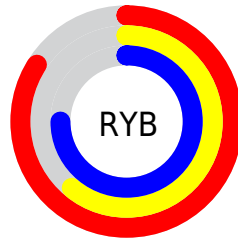
# Distribution



Red (84%)

Green (61%)

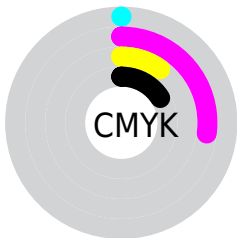
Blue (75%)



Red (84%)

Yellow (61%)

Blue (75%)

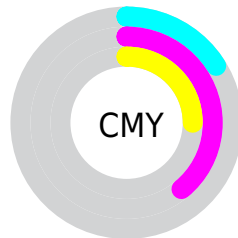


Cyan (0%)

Magenta (27%)

Yellow (10%)

Black (16%)



Cyan (16%)

Magenta (39%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D59CBF 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 D59CBF by changing the saturation by 10% instead.



 D59CBF

FFFFFF

 FFD3F7

 FFEFFF

 D59CBF

 B982A4

 9E688A

 834F70

 693858

 502140

 38092A

 250016

 000000

 D59CBF

 D59CBF

 D587B7

 D5B1C7

 D571AF

 D5C7CF

 D55CA6

 D5DCD8

 D5479E

 D5F1E0

 D53196

 D5FFE8

 D51C8E

 D5FFF0

 D50785

 D5FFF9

 D50083

 D5FFFF

# Harmonies

## Analogous

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



BCA3D4



D59CBF



E09AA5

# Triad

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



D59CBF



B7AE7A



5EB9CD

# Complementary

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



D59CBF



9CD5B2

# 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.



64BBB5



D59CBF



9AB585

# Square

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



D59CBF



CEA57D



7CBA9A



74B4DD

# Rectangle

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



D59CBF



E09C94



7CBA9A



5DBAC6



# Sweetspot

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



D59CBF



FFEBF7



B29CD5



80737B



000000



808080



# Same Dimension

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



D59CBF



FFADE0



D59CA3



6B6067



AB0069



2B001B



# Inverse Universe

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



D59CBF



FFADE0



9CD5CE



6B6067



AB0069

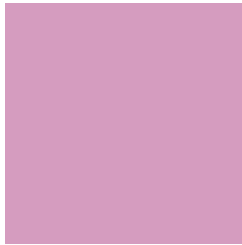


2B001B



# Previews

## White Background



This preview shows how the Hex color D59CBF looks on a white background.

## Color Contrast Check

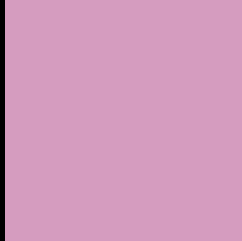
Large Text (above 18pt) WCAG AA × Fail

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 D59CBF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

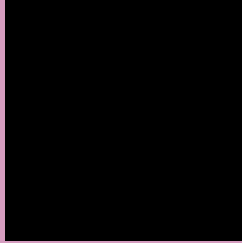
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D59CBF Background



This preview shows how black text looks on a background with the Hex color D59CBF.

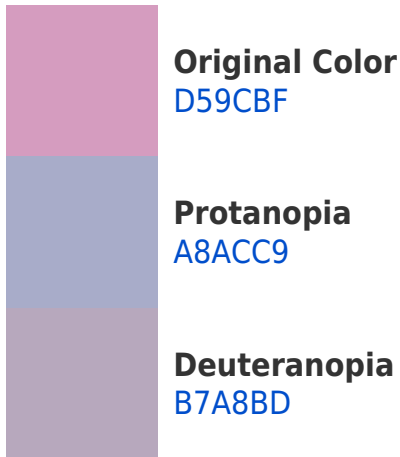


This preview shows how white text looks on a background with the Hex color D59CBF.

# 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](#).

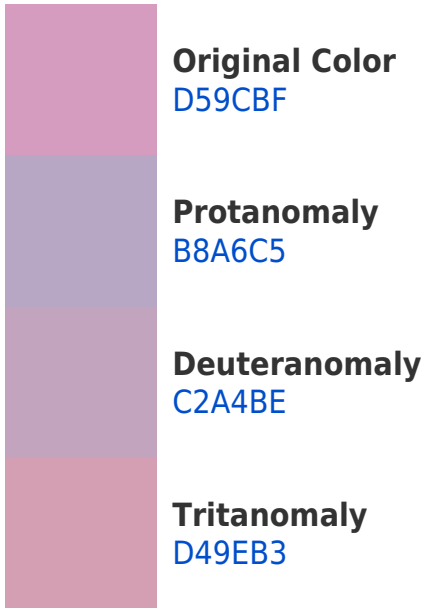
## Dichromacy





**Tritanopia**  
D39FAC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D59CBF 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 #D59CBF looks like.

```
.text, #text, p{  
  color:#D59CBF  
}
```

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 #D59CBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D59CBF
}
```

## Border

The CSS property to change the border of an element to Hex D59CBF 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
#D59CBF }
```

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

```
.border{ border-color:#D59CBF }
```

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

Here you see how a box with a 4 pixel #D59CBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D59CBF; -webkit-box-shadow:4px 4px  
4px 4px #D59CBF; box-shadow:4px 4px 4px  
4px #D59CBF }
```

# Background

The CSS property to change the background color of an element to Hex D59CBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D59CBF }
```

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

```
.background{ background-color:#D59CBF }
```

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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