

Converting Colors

Hex(B59DCB)

Have a look what the booklet for
Hex(B59DCB) contains.

| | |
|--|----|
| Hex(B59DCB) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(B59DCB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B59DCB |
| RGB | 181, 157, 203 |
| RGB Percent | 71%, 62%, 80% |
| CMY | 0.2902, 0.3843, 0.2039 |
| CMYK | 0.11, 0.23, 0.00, 0.20 |
| HSL | 271°, 31%, 71% |
| HSV | 271°, 23%, 80% |
| XYZ | 41.8925, 38.2495, 61.6748 |
| YIQ | 169.4200, -0.4620, 19.3940 |

Conversions

Conversions Part 2

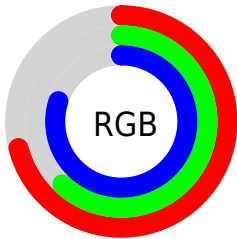
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 181, 157, 203 |
| Decimal | 11902411 |
| CIELab | 68.20, 17.56, -20.30 |
| CIElCh | 68, 26.844, 310.866 |
| Yxy | 38.2495, 0.2954, 0.2697 |
| Android (android.graphics.Color) | 4290092491 (0xFFB59DCB) |
| YUV | 169.4200, 16.5549, 10.1557 |
| Hunter-Lab | 61.8462, 12.6791, -15.8334 |

Details

The Hex color **B59DCB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B3CB9D**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **EDD4FF**, and **806A95** is the 20% darker color. If you saturate the color by 10%, you get **AB89CB**, and if you desaturate by 10%, it is **BFB1CB**.

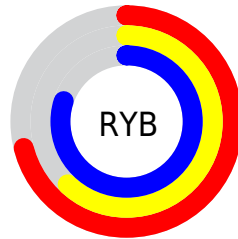
Distribution



Red (71%)

Green (62%)

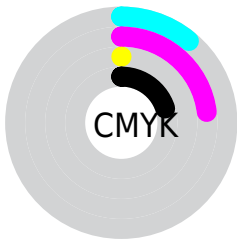
Blue (80%)



Red (71%)

Yellow (62%)

Blue (80%)

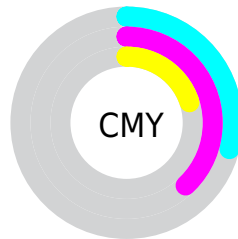


Cyan (11%)

Magenta (23%)

Yellow (0%)

Black (20%)



Cyan (29%)

Magenta (38%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color B59DCB 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 B59DCB by changing the saturation by 10% instead.

 B59DCB

 B59DCB

FFFFFF

 9A83B0

 EDD4FF

 806A95

 FFF0FF

 66517B

 4E3A62

 36244A

 201033

 06001E

 000000

 B59DCB

 B59DCB

 AB89CB

 BFB1CB

 A274CB

 C8C6CB

 9860CB

 D2DACB

 8E4CCB

 DCEECB

 8438CB

 E6FFCB

 7B23CB

 EFFF CB

 710FCB

 F9FFCB

 6A00CB

 FFFF CB

Harmonies

Analogous

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



94A6D6



B59DCB



CC96B7

Triad

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



B59DCB



C59F79



62B4AF

Complementary

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



B59DCB



B3CB9D

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.



78B396



B59DCB



AFA876

Square

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



B59DCB



D49888



94AE81



5EB2C5

Rectangle

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



B59DCB



D594A6



94AE81



68B4A6

Sweetspot

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



B59DCB



F6EDFF



9DB3CB



7B7580



000000



808080

Same Dimension

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



B59DCB



DEBAFF



CB9DCA



615C66



5600A6



140026

Inverse Universe

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



CB9DB3



FFBADB



9DCB9E



665C61



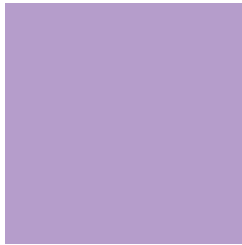
A6004F



260012

Previews

White Background



This preview shows how the Hex color B59DCB looks on a white background.

Color Contrast Check

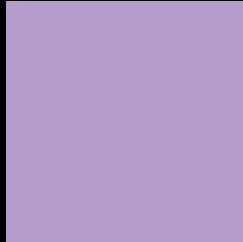
Large Text (above 18pt) WCAG AA × Fail

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 B59DCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

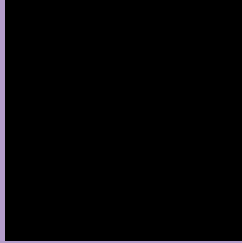
Any Text WCAG AA ✓ Pass

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 B59DCB Background



This preview shows how black text looks on a background with the Hex color B59DCB.



This preview shows how white text looks on a background with the Hex color B59DCB.

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



Original Color
B59DCB

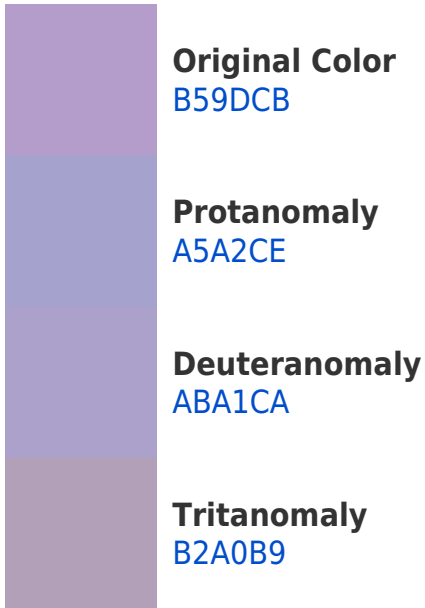
Protanopia
9CA5D0

Deuteranopia
A5A3CA

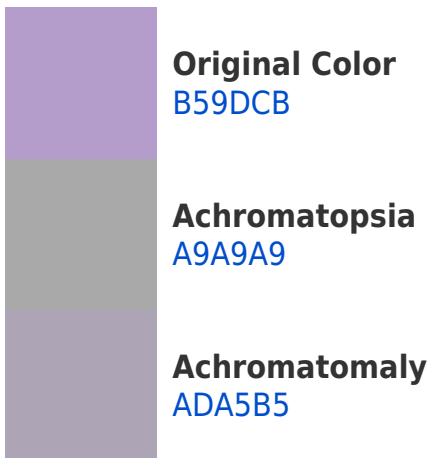


Tritanopia
B0A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B59DCB 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 #B59DCB looks like.

```
.text, #text, p{  
    color:#B59DCB  
}
```

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 #B59DCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B59DCB
}
```

Border

The CSS property to change the border of an element to Hex B59DCB is called "border". The border property can be set on classes, ids or directly on the HTML element.

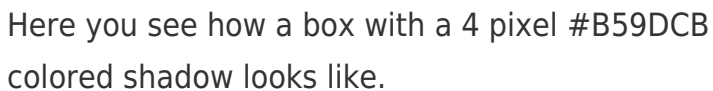
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B59DCB }
```

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

```
.border{ border-color:#B59DCB }
```

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



Here you see how a box with a 4 pixel #B59DCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B59DCB; -webkit-box-shadow:4px 4px  
4px 4px #B59DCB; box-shadow:4px 4px 4px  
4px #B59DCB }
```

Background

The CSS property to change the background color of an element to Hex B59DCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B59DCB }
```

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

```
.background{ background-color:#B59DCB }
```

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