

Converting Colors

Hex(B583CD)

Have a look what the booklet for
Hex(B583CD) contains.

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Color

Hex(B583CD)

Conversions

Conversions Part 1

Format	Color
Hex	B583CD
RGB	181, 131, 205
RGB Percent	71%, 51%, 80%
CMY	0.2902, 0.4863, 0.1961
CMYK	0.12, 0.36, 0.00, 0.20
HSL	281°, 43%, 66%
HSV	281°, 36%, 80%
XYZ	38.1918, 30.4641, 61.6248
YIQ	154.3860, 6.0460, 33.6140

Conversions

Conversions Part 2

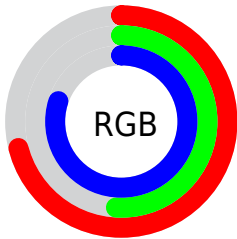
Format	Color
R _Y B	181, 131, 205
Decimal	11895757
CIE Lab	62.05, 32.53, -30.86
CIE LCh	62, 44.838, 316.505
Yxy	30.4641, 0.2931, 0.2338
Android (android.graphics.Color)	4290085837 (0xFFB583CD)
YUV	154.3860, 24.9527, 23.3405
Hunter-Lab	55.1943, 26.9233, -27.5617

Details

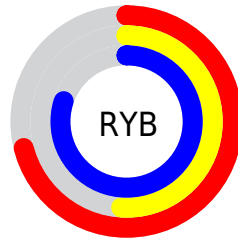
The Hex color **B583CD** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9BCD83**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **EEB9FF**, and **7F5196** is the 20% darker color. If you saturate the color by 10%, you get **AE6ECD**, and if you desaturate by 10%, it is **BC97CD**.

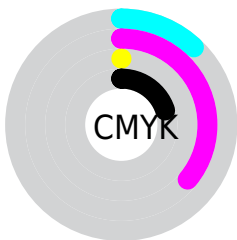
Distribution



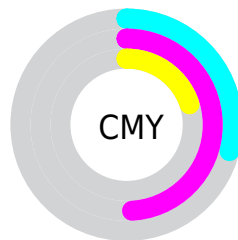
- Red (71%)
- Green (51%)
- Blue (80%)



- Red (71%)
- Yellow (51%)
- Blue (80%)



- Cyan (12%)
- Magenta (36%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (49%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color B583CD 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 B583CD by changing the saturation by 10% instead.

 B583CD

 B583CD

FFFFFF

 9A69B1

 EEB9FF

 7F5196

 FFD5FF

 65397C

 FFF1FF

 4C2163

 33094B

 1F0034

 00021E

 000000

 B583CD

 B583CD

 AE6ECD

 BC97CD

 A85ACD

 C2ACCD

 A145CD

 C9C1CD

 9A31CD

 D0D5CD

 941CCD

 D6EACD

 8D08CD

 DDFECD

 8B00CD

 E4FFCD

 EAFFCD

 F1FFCD

Harmonies

Analogous

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



7C92E2



B583CD



D777AA

Triad

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



B583CD



BD8D47



00AAAB

Complementary

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



B583CD



9BCD83

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.



27A982



B583CD



989B47

Square

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



B583CD



D77F5E



6BA45D



00A7CF

Rectangle

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



B583CD



E0758F



6BA45D



00AA9E

Sweetspot

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



B583CD



F6E3FF



839CCD



7A6F80



000000



808080

Same Dimension

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



B583CD



DB91FF



CD83C1



635C66



7000A6



1A0026

Inverse Universe

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



CD839B



FF91B5



83CD8F



665C5F



A60036



26000C

Previews

White Background



This preview shows how the Hex color B583CD looks on a white background.

Color Contrast Check

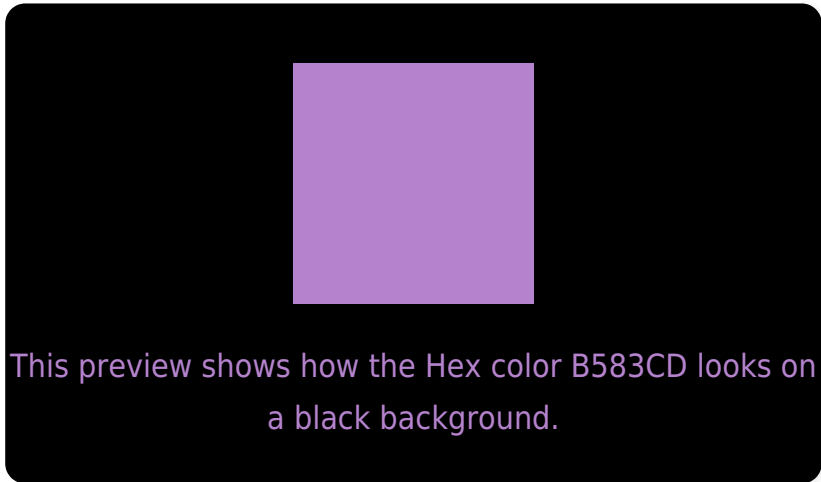
Large Text (above 18pt) WCAG AA × Fail

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

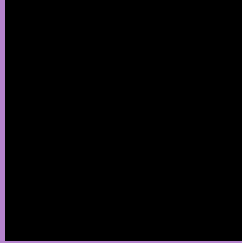
Any Text WCAG AA ✓ Pass

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 B583CD Background



This preview shows how black text looks on a background with the Hex color B583CD.

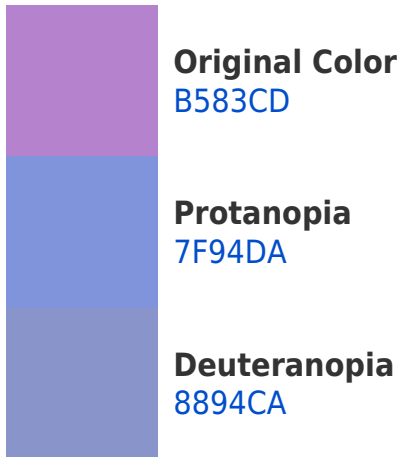


This preview shows how white text looks on a background with the Hex color B583CD.

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](#).

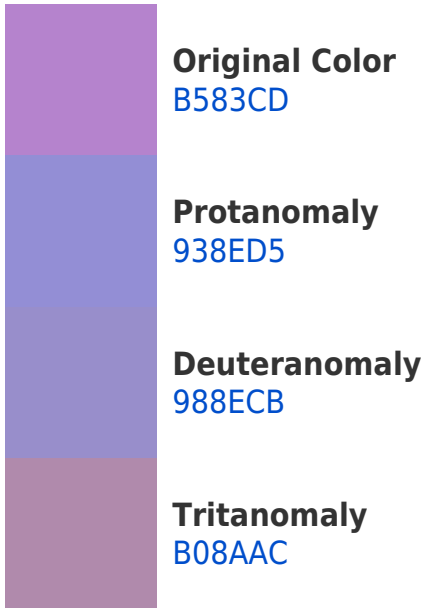
Dichromacy



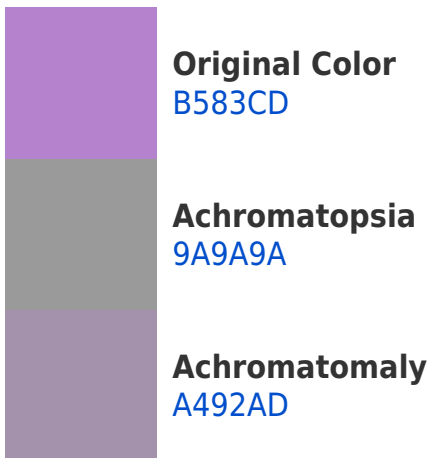


Tritanopia
AD8E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B583CD 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 #B583CD looks like.

```
.text, #text, p{  
    color:#B583CD  
}
```

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 #B583CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B583CD
}
```

Border

The CSS property to change the border of an element to Hex B583CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

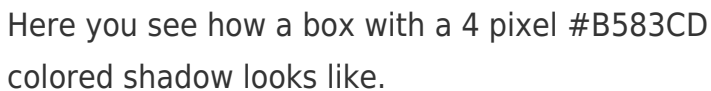
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B583CD }
```

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

```
.border{ border-color:#B583CD }
```

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



Here you see how a box with a 4 pixel #B583CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B583CD; -webkit-box-shadow:4px 4px  
4px 4px #B583CD; box-shadow:4px 4px 4px  
4px #B583CD }
```

Background

The CSS property to change the background color of an element to Hex B583CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B583CD }
```

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

```
.background{ background-color:#B583CD }
```

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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