

# Converting Colors

Hex(B893CE)

Have a look what the booklet for  
Hex(B893CE) contains.

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# Color

Hex(B893CE)

# Conversions

## Conversions Part 1

Format	Color
Hex	B893CE
RGB	184, 147, 206
RGB Percent	72%, 58%, 81%
CMY	0.2784, 0.4235, 0.1922
CMYK	0.11, 0.29, 0.00, 0.19
HSL	278°, 38%, 69%
HSV	278°, 29%, 81%
XYZ	41.3415, 35.5140, 63.0685
YIQ	164.7890, 3.1130, 26.1930

# Conversions

## Conversions Part 2

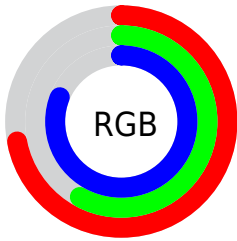
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 147, 206
Decimal	12096462
CIELab	66.15, 24.76, -25.08
CIELCh	66, 35.243, 314.622
Yxy	35.5140, 0.2955, 0.2538
Android (android.graphics.Color)	4290286542 (0xFFB893CE)
YUV	164.7890, 20.3170, 16.8480
Hunter-Lab	59.5936, 19.5406, -21.0316

# Details

The Hex color **B893CE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A9CE93**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **F1C9FF**, and **826098** is the 20% darker color. If you saturate the color by 10%, you get **B07ECE**, and if you desaturate by 10%, it is **C0A8CE**.

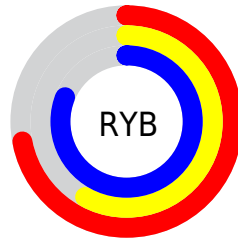
# Distribution



Red (72%)

Green (58%)

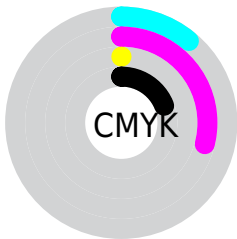
Blue (81%)



Red (72%)

Yellow (58%)

Blue (81%)

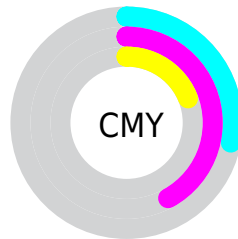


Cyan (11%)

Magenta (29%)

Yellow (0%)

Black (19%)



Cyan (28%)

Magenta (42%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B893CE 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 B893CE by changing the saturation by 10% instead.



 B893CE

 B893CE

FFFFFF

 9D79B2

 F1C9FF

 826098

 FFE5FF

 69487D

 503164

 381B4C

 210535

 000020

 000003

 000000

 B893CE

 B893CE

 B07ECE

 C0A8CE

 A96ACE

 C7BCCE

 A155CE

 CFD1CE

 9941CE

 D7E5CE

 922CCE

 DEFACE

 8A17CE

 E6FFCE

 8203CE

 EEFFCE

 8100CE

 F5FFCE

 FDFFCE

# Harmonies

## Analogous

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



8C9FDE



B893CE



D48AB2

# Triad

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



B893CE



C49964



30B2B0

# Complementary

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



B893CE



A9CE93

# 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.



5BB18F



B893CE



A6A463

# Square

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



B893CE



D88F76



83AC73



26AFCC

# Rectangle

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



B893CE



DD889D



83AC73



3FB2A5



# Sweetspot

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



B893CE



F6E8FF



93AACE



7A7180



000000



808080



# Same Dimension

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



B893CE



DFA8FF



CE93C7



625C66



6800A6



180026



# Inverse Universe

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



CE93A9



FFA8C9



93CE9A



665C60



A6003E



26000E



# Previews

## White Background



This preview shows how the Hex color B893CE looks on a white background.

## Color Contrast Check

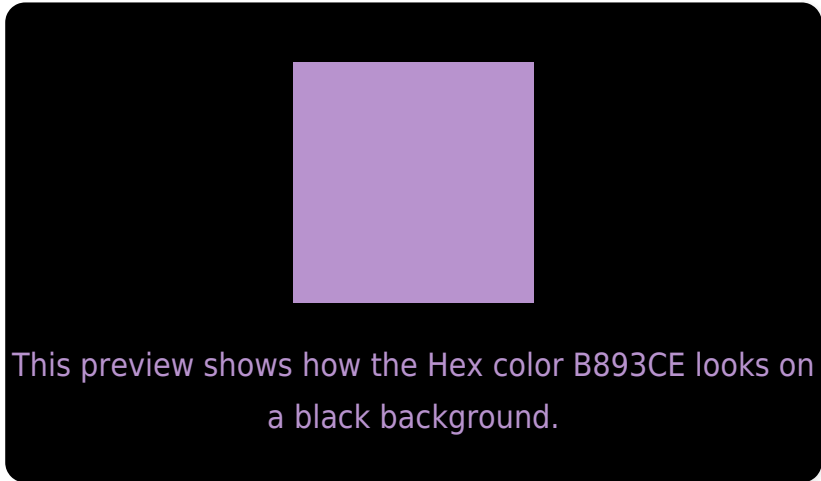
Large Text (above 18pt) WCAG AA × Fail

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

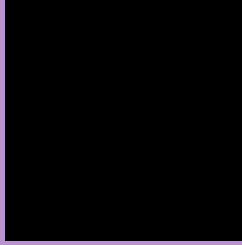
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B893CE Background



This preview shows how black text looks on a background with the Hex color B893CE.

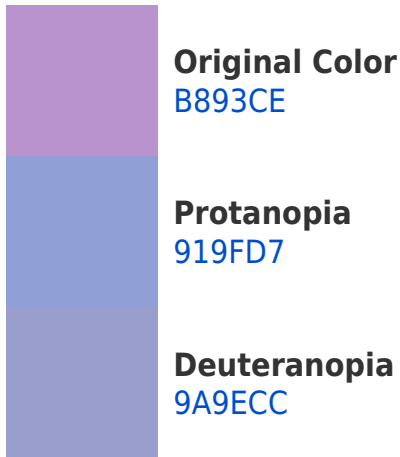


This preview shows how white text looks on a background with the Hex color B893CE.

# 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](#).

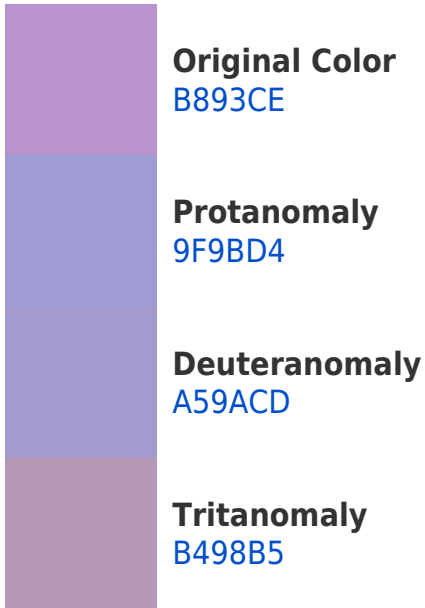
## Dichromacy



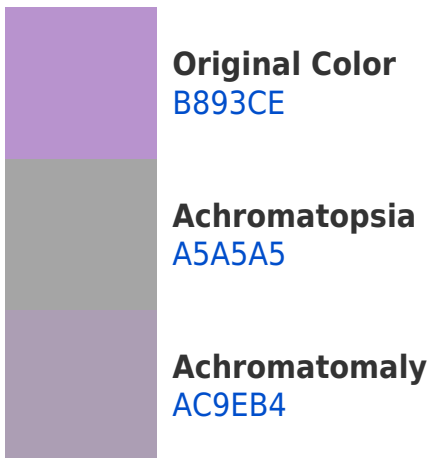


**Tritanopia**  
B29BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B893CE 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 #B893CE looks like.

```
.text, #text, p{  
    color:#B893CE  
}
```

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 #B893CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B893CE
}
```

## Border

The CSS property to change the border of an element to Hex B893CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

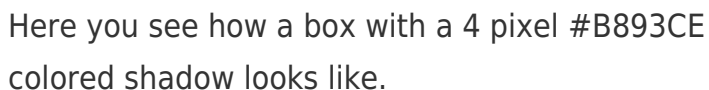
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B893CE }
```

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

```
.border{ border-color:#B893CE }
```

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



Here you see how a box with a 4 pixel #B893CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B893CE; -webkit-box-shadow:4px 4px  
4px 4px #B893CE; box-shadow:4px 4px 4px  
4px #B893CE }
```

# Background

The CSS property to change the background color of an element to Hex B893CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B893CE }
```

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

```
.background{ background-color:#B893CE }
```

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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