

# Converting Colors

Hex(B397CB)

Have a look what the booklet for  
Hex(B397CB) contains.

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# **Color**

**Hex(B397CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B397CB
RGB	179, 151, 203
RGB Percent	70%, 59%, 80%
CMY	0.2980, 0.4078, 0.2039
CMYK	0.12, 0.26, 0.00, 0.20
HSL	272°, 33%, 69%
HSV	272°, 26%, 80%
XYZ	40.4365, 36.0287, 61.3229
YIQ	165.3000, -0.0040, 22.1080

# Conversions

## Conversions Part 2

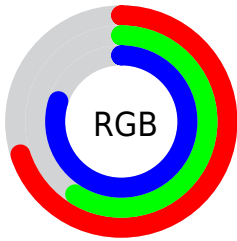
Format	Color
<a href="#">RYB</a>	<a href="#">179, 151, 203</a>
Decimal	<a href="#">11769803</a>
CIELab	<a href="#">66.54, 20.27, -22.85</a>
CIELCh	<a href="#">67, 30.545, 311.572</a>
Yxy	<a href="#">36.0287, 0.2935, 0.2615</a>
Android (android.graphics.Color)	<a href="#">4289959883 (0xFFB397CB)</a>
YUV	<a href="#">165.3000, 18.5861, 12.0149</a>
Hunter-Lab	<a href="#">60.0239, 15.2088, -18.5564</a>

# Details

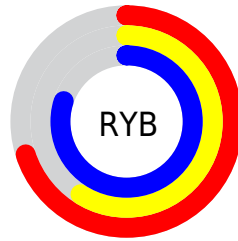
The Hex color **B397CB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AFCB97**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **EBCDFF**, and **7E6495** is the 20% darker color. If you saturate the color by 10%, you get **AA83CB**, and if you desaturate by 10%, it is **BCABCB**.

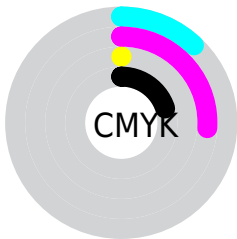
# Distribution



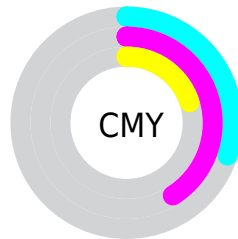
- Red (70%)
- Green (59%)
- Blue (80%)



- Red (70%)
- Yellow (59%)
- Blue (80%)



- Cyan (12%)
- Magenta (26%)
- Yellow (0%)
- Black (20%)



- Cyan (30%)
- Magenta (41%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B397CB 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 B397CB by changing the saturation by 10% instead.



 B397CB

 B397CB

FFFFFF

 987DAF

 EBCDFF

 7E6495

 FFEAFF

 644C7B

 4C3562

 341F4A

 1E0A33

 00001E

 000000

 B397CB

 B397CB

AA83CB

BCABCB

A06ECB

C6C0CB

975ACB

CFD4CB

8E46CB

D8E8CB

8432CB

E2FDCB

7B1DCB

EBFFCB

7109CB

F5FFCB

6D00CB

FEFFCB

FFFFCB

# Harmonies

## Analogous

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



8DA1D7



B397CB



CD8FB4

# Triad

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



B397CB



C49A6E



4EB1AC

# Complementary

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



B397CB



AFCB97

# 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.



6BB090



B397CB



AAA46C

# Square

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



B397CB



D4927F



8CAB78



47AFC5

# Rectangle

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



B397CB



D68DA1



8CAB78



57B1A2



# Sweetspot

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



B397CB



F6EBFF



97AFCB



7A7380



000000



808080



# Same Dimension

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



B397CB



DBB0FF



CB97C9



615C66



5900A6



150026



# Inverse Universe

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



CB97AF



FFB0D4



97CB99



665C61



A6004D

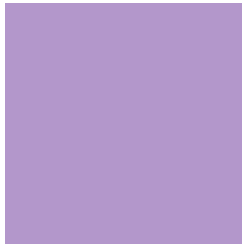


260012



# Previews

## White Background



This preview shows how the Hex color B397CB looks on a white background.

## Color Contrast Check

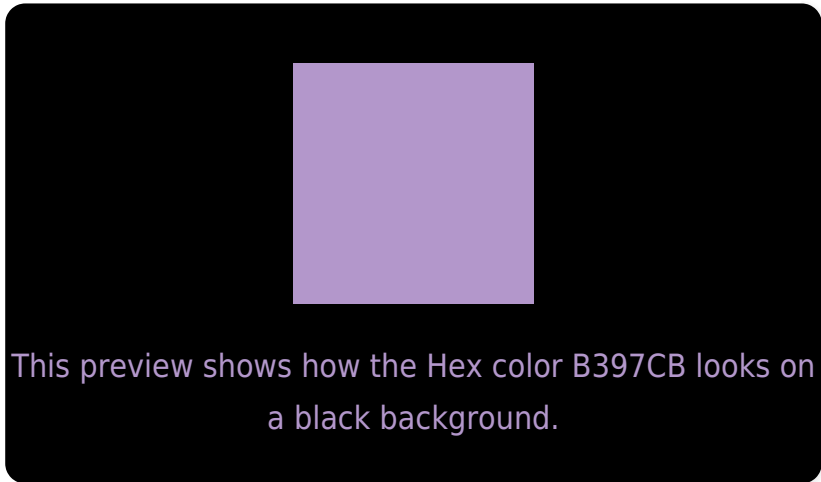
Large Text (above 18pt) WCAG AA × Fail

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

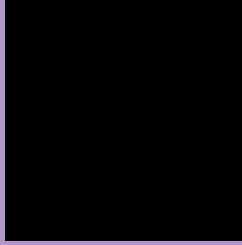
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B397CB Background



This preview shows how black text looks on a background with the Hex color B397CB.



This preview shows how white text looks on a background with the Hex color B397CB.

# 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**  
B397CB

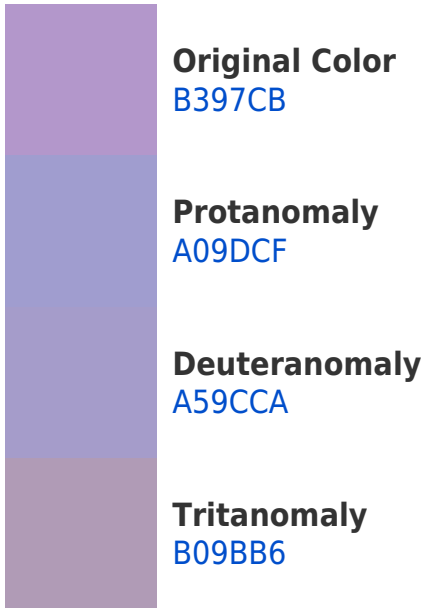
**Protanopia**  
95A0D2

**Deuteranopia**  
9D9FC9

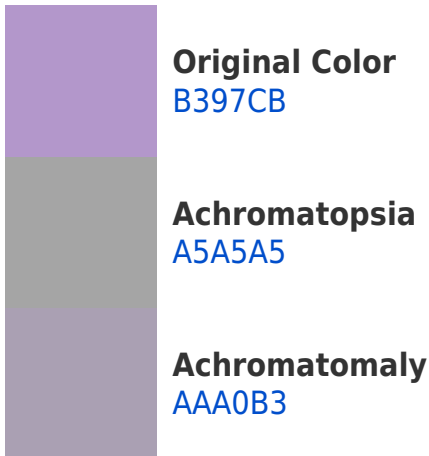


**Tritanopia**  
AE9DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B397CB 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 #B397CB looks like.

```
.text, #text, p{  
    color:#B397CB  
}
```

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 #B397CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B397CB
}
```

## Border

The CSS property to change the border of an element to Hex B397CB 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
#B397CB }
```

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

```
.border{ border-color:#B397CB }
```

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

Here you see how a box with a 4 pixel #B397CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B397CB; -webkit-box-shadow:4px 4px  
4px 4px #B397CB; box-shadow:4px 4px 4px  
4px #B397CB }
```

# Background

The CSS property to change the background color of an element to Hex B397CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B397CB }
```

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

```
.background{ background-color:#B397CB }
```

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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