

# Converting Colors

Hex(BC93D2)

Have a look what the booklet for  
Hex(BC93D2) contains.

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# **Color**

**Hex(BC93D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC93D2
RGB	188, 147, 210
RGB Percent	74%, 58%, 82%
CMY	0.2627, 0.4235, 0.1765
CMYK	0.10, 0.30, 0.00, 0.18
HSL	279°, 41%, 70%
HSV	279°, 30%, 82%
XYZ	42.8056, 36.2119, 65.7063
YIQ	166.4410, 4.2130, 28.2850

# Conversions

## Conversions Part 2

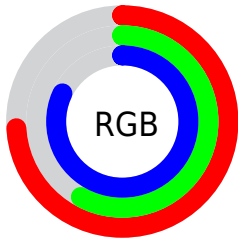
Format	Color
<a href="#">RYB</a>	<a href="#">188, 147, 210</a>
Decimal	<a href="#">12358610</a>
CIELab	<a href="#">66.68, 26.87, -26.46</a>
CIElCh	<a href="#">67, 37.709, 315.447</a>
Yxy	<a href="#">36.2119, 0.2958, 0.2502</a>
Android (android.graphics.Color)	<a href="#">4290548690</a> ( <a href="#">0xFFBC93D2</a> )
YUV	<a href="#">166.4410, 21.4746, 18.9072</a>
Hunter-Lab	<a href="#">60.1764, 21.6648, -22.6150</a>

# Details

The Hex color **BC93D2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A9D293**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **F5C9FF**, and **86609B** is the 20% darker color. If you saturate the color by 10%, you get **B57ED2**, and if you desaturate by 10%, it is **C3A8D2**.

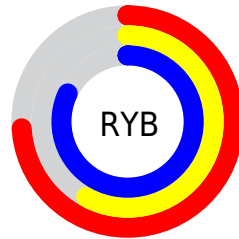
# Distribution



Red (74%)

Green (58%)

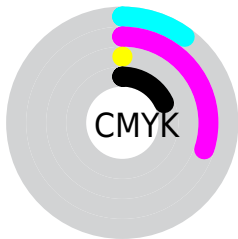
Blue (82%)



Red (74%)

Yellow (58%)

Blue (82%)

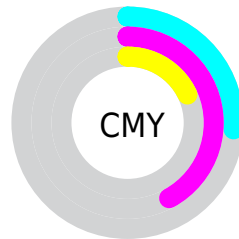


Cyan (10%)

Magenta (30%)

Yellow (0%)

Black (18%)



Cyan (26%)

Magenta (42%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC93D2 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 BC93D2 by changing the saturation by 10% instead.



 BC93D2

 BC93D2

FFFFFF

 A179B6

 F5C9FF

 86609B

 FFE6FF

 6C4881

 533068

 3B1A4F

 230438

 080023

 000009

 000000

 BC93D2

 BC93D2

 B57ED2

 C3A8D2

 AD69D2

 CBBDD2

 A654D2

 D2D2D2

 9F3FD2

 D9E7D2

 972AD2

 E1FCD2

 9015D2

 E8FFD2

 8900D2

 EFFF2

 F7FFD2

 FEFFD2

# Harmonies

## Analogous

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



8DA0E3



BC93D2



DA8AB4

# Triad

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



BC93D2



C79A61



19B4B3

# Complementary

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



BC93D2



A9D293

# 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.



55B390



BC93D2



A7A660

# Square

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



BC93D2



DD8F73



81AE71



00B1D1

# Rectangle

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



BC93D2



E3879D



81AE71



31B4A7



# Sweetspot

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



BC93D2



F7E8FF



93A9D2



7B7180



000000



808080



# Same Dimension

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



BC93D2



DFA3FF



D293C9



655E69



6E00A8



1B0029



# Inverse Universe

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



D293A9



FFA3C3



93D29C



695E62



A8003B

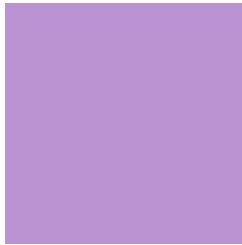


29000E



# Previews

## White Background



This preview shows how the Hex color BC93D2 looks on a white background.

## Color Contrast Check

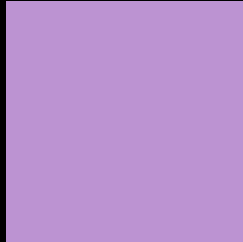
Large Text (above 18pt) WCAG AA × Fail

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 BC93D2 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 BC93D2 Background



This preview shows how black text looks on a background with the Hex color BC93D2.

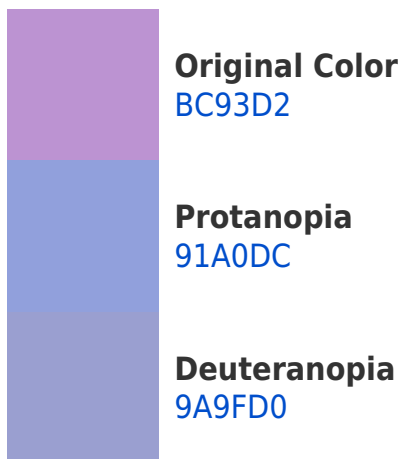


This preview shows how white text looks on a background with the Hex color BC93D2.

# 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](#).

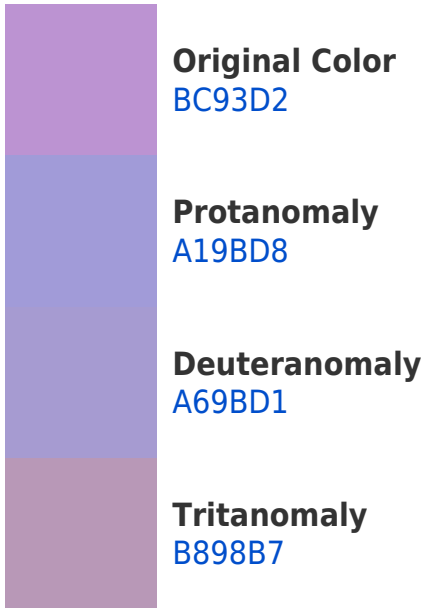
## Dichromacy



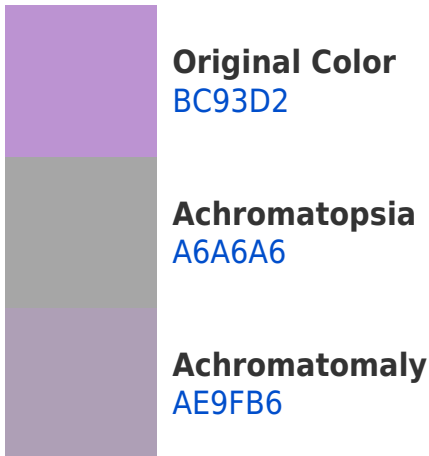


**Tritanopia**  
B59BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC93D2 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 #BC93D2 looks like.

```
.text, #text, p{  
    color:#BC93D2  
}
```

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 #BC93D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC93D2
}
```

## Border

The CSS property to change the border of an element to Hex BC93D2 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
#BC93D2 }
```

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

```
.border{ border-color:#BC93D2 }
```

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

Here you see how a box with a 4 pixel #BC93D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC93D2; -webkit-box-shadow:4px 4px  
4px 4px #BC93D2; box-shadow:4px 4px 4px  
4px #BC93D2 }
```

# Background

The CSS property to change the background color of an element to Hex BC93D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC93D2 }
```

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

```
.background{ background-color:#BC93D2 }
```

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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