

# Converting Colors

Hex(B793C7)

Have a look what the booklet for  
Hex(B793C7) contains.

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# **Color**

**Hex(B793C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">B793C7</a>
RGB	<a href="#">183, 147, 199</a>
RGB Percent	<a href="#">72%, 58%, 78%</a>
CMY	<a href="#">0.2824, 0.4235, 0.2196</a>
CMYK	<a href="#">0.08, 0.26, 0.00, 0.22</a>
HSL	<a href="#">282°, 32%, 68%</a>
HSV	<a href="#">282°, 26%, 78%</a>
XYZ	<a href="#">40.2710, 35.0582, 58.6772</a>
YIQ	<a href="#">163.6920, 4.7640, 23.8040</a>

# Conversions

## Conversions Part 2

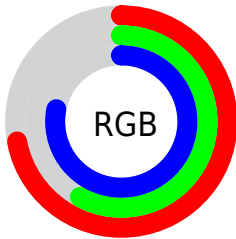
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">183, 147, 199</a>
Decimal	<a href="#">12030919</a>
CIELab	<a href="#">65.79, 22.98, -21.73</a>
CIELCh	<a href="#">66, 31.626, 316.599</a>
Yxy	<a href="#">35.0582, 0.3005, 0.2616</a>
Android (android.graphics.Color)	<a href="#">4290220999 (0xFFB793C7)</a>
YUV	<a href="#">163.6920, 17.4068, 16.9331</a>
Hunter-Lab	<a href="#">59.2100, 17.7871, -17.3095</a>

# Details

The Hex color **B793C7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A3C793**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **EFC9FF**, and **816091** is the 20% darker color. If you saturate the color by 10%, you get **B17FC7**, and if you desaturate by 10%, it is **BDA7C7**.

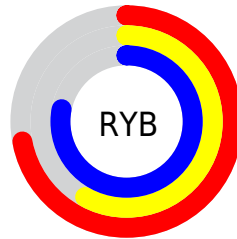
# Distribution



Red (72%)

Green (58%)

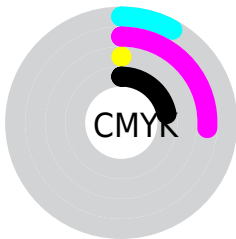
Blue (78%)



Red (72%)

Yellow (58%)

Blue (78%)

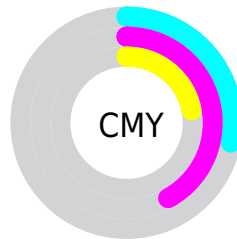


Cyan (8%)

Magenta (26%)

Yellow (0%)

Black (22%)



Cyan (28%)

Magenta (42%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B793C7 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 B793C7 by changing the saturation by 10% instead.



 B793C7

 B793C7

FFFFFF

 9C79AC

 EFC9FF

 816091

 FFE5FF

 684877

 4F315E

 381B46

 210530

 00001B

 000000

 B793C7

 B793C7

 B17FC7

 BDA7C7

 AB6BC7

 C3BBC7

 A557C7

 C9CFC7

 9F43C7

 CFE3C7

 9830C7

 D6F7C7

 921CC7

 DCFFC7

 8C08C7

 E2FFC7

 8A00C7

 E8FFC7

 EEFFC7

# Harmonies

## Analogous

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



919DD6



B793C7



D08CAE

# Triad

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



B793C7



BF9A69



43AFAF

# Complementary

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



B793C7



A3C793

# 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.



61AE92



B793C7



A3A369

# Square

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



B793C7



D29078



83AA78



42ADC8

# Rectangle

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



B793C7



D78A9B



83AA78



4CAFA5



# Sweetspot

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



B793C7



F9EBFF



93A3C7



7C7380



000000



808080



# Same Dimension

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



B793C7



E7B0FF



C793BD



605A63



7100A3



190024



# Inverse Universe

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



C793A3



FFB0C8



93C79D



635A5D



A30032

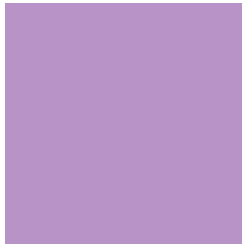


24000B



# Previews

## White Background



This preview shows how the Hex color B793C7 looks on a white background.

## Color Contrast Check

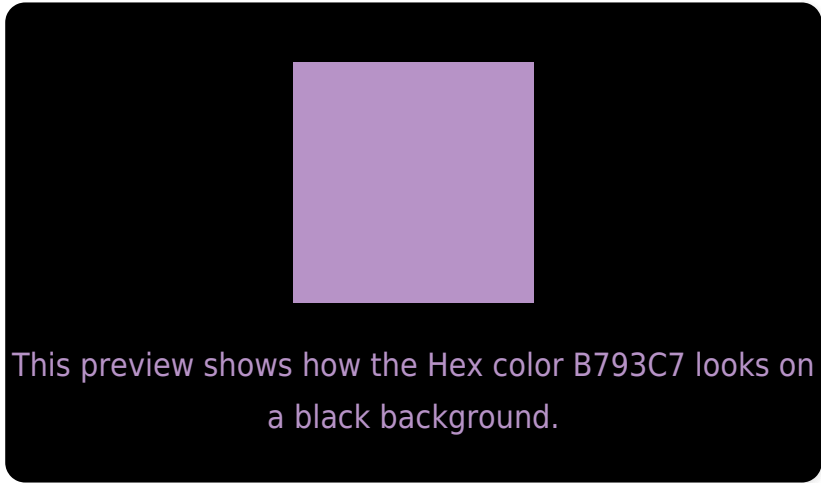
Large Text (above 18pt) WCAG AA × Fail

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

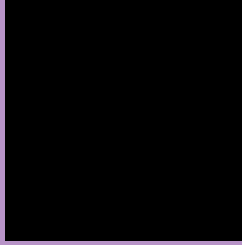
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B793C7 Background



This preview shows how black text looks on a background with the Hex color B793C7.

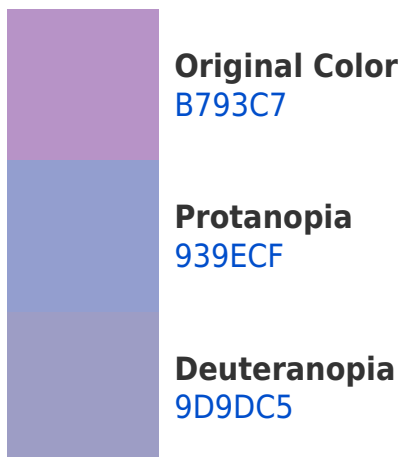


This preview shows how white text looks on a background with the Hex color B793C7.

# 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**  
B299A5

# Trichromacy



**Original Color**  
B793C7

**Protanomaly**  
A09ACC

**Deuteranomaly**  
A699C6

**Tritanomaly**  
B497B1

# Monochromacy



**Original Color**  
B793C7

**Achromatopsia**  
A4A4A4

**Achromatomaly**  
AB9EB1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B793C7 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 #B793C7 looks like.

```
.text, #text, p{  
    color:#B793C7  
}
```

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 #B793C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B793C7
}
```

## Border

The CSS property to change the border of an element to Hex B793C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

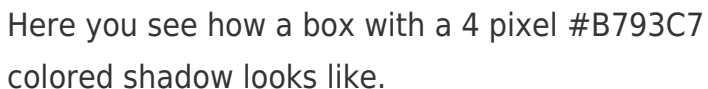
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B793C7 }
```

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

```
.border{ border-color:#B793C7 }
```

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



Here you see how a box with a 4 pixel #B793C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B793C7; -webkit-box-shadow:4px 4px  
4px 4px #B793C7; box-shadow:4px 4px 4px  
4px #B793C7 }
```

# Background

The CSS property to change the background color of an element to Hex B793C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B793C7 }
```

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

```
.background{ background-color:#B793C7 }
```

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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