

# Converting Colors

Hex(B79BC8)

Have a look what the booklet for  
Hex(B79BC8) contains.

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# **Color**

**Hex(B79BC8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B79BC8
RGB	183, 155, 200
RGB Percent	72%, 61%, 78%
CMY	0.2824, 0.3922, 0.2157
CMYK	0.08, 0.23, 0.00, 0.22
HSL	277°, 29%, 70%
HSV	277°, 23%, 78%
XYZ	41.6751, 37.6801, 59.7201
YIQ	168.5020, 2.2430, 19.9310

# Conversions

## Conversions Part 2

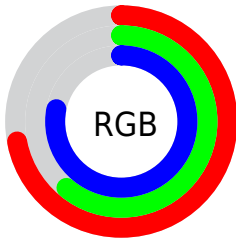
Format	Color
<a href="#">RYB</a>	<a href="#">183, 155, 200</a>
Decimal	<a href="#">12032968</a>
CIELab	<a href="#">67.78, 18.71, -19.26</a>
CIElCh	<a href="#">68, 26.853, 314.181</a>
Yxy	<a href="#">37.6801, 0.2997, 0.2709</a>
Android (android.graphics.Color)	<a href="#">4290223048 (0xFFB79BC8)</a>
YUV	<a href="#">168.5020, 15.5285, 12.7147</a>
Hunter-Lab	<a href="#">61.3841, 13.7656, -14.7138</a>

# Details

The Hex color **B79BC8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **ACC89B**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **EFD2FF**, and **826892** is the 20% darker color. If you saturate the color by 10%, you get **AF87C8**, and if you desaturate by 10%, it is **BFAFC8**.

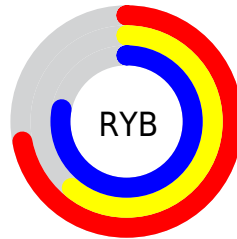
# Distribution



Red (72%)

Green (61%)

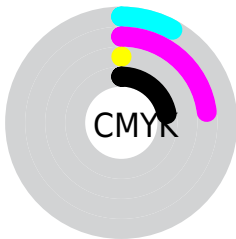
Blue (78%)



Red (72%)

Yellow (61%)

Blue (78%)

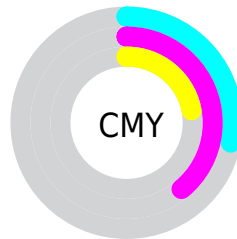


Cyan (8%)

Magenta (23%)

Yellow (0%)

Black (22%)



Cyan (28%)

Magenta (39%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B79BC8 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 B79BC8 by changing the saturation by 10% instead.



 B79BC8

 B79BC8

FFFFFF

 9C81AD

 EFD2FF

 826892

 FFEEFF

 684F78

 50385F

 382247

 220E31

 06001C

 000000

 B79BC8

 B79BC8

 AF87C8

 BFAFC8

 A873C8


 C6C3C8

 A05FC8

 CED7C8

 994BC8

 D5EBC8

 9137C8

 DDFFC8

 8A23C8

 E4FFC8

 820FC8

 ECFFC8

 7C00C8

 F3FFC8

 FBFFC8

# Harmonies

## Analogous

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



97A3D4



B79BC8



CD95B3

# Triad

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



B79BC8



C29F77



5FB3B0

# Complementary

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



B79BC8



ACC89B

# 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.



74B297



B79BC8



ABA776

# Square

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



B79BC8



D29884



90AE82



5DB1C6

# Rectangle

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



B79BC8



D593A3



90AE82



65B3A8



# Sweetspot

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



B79BC8



F8EDFF



9BACC8



7C7580



000000



808080



# Same Dimension

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



B79BC8



E5BAFF



C89BC3



605A63



6600A3



160024



# Inverse Universe

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



C89BAC



FFBAD4



9BC8A0



635A5D



A3003E

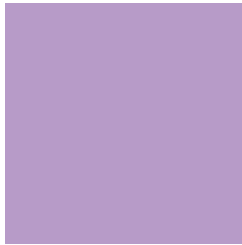


24000D



# Previews

## White Background



This preview shows how the Hex color B79BC8 looks on a white background.

## Color Contrast Check

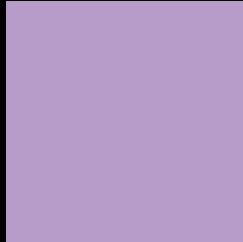
Large Text (above 18pt) WCAG AA × Fail

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 B79BC8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

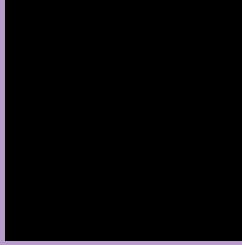
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B79BC8 Background



This preview shows how black text looks on a background with the Hex color B79BC8.

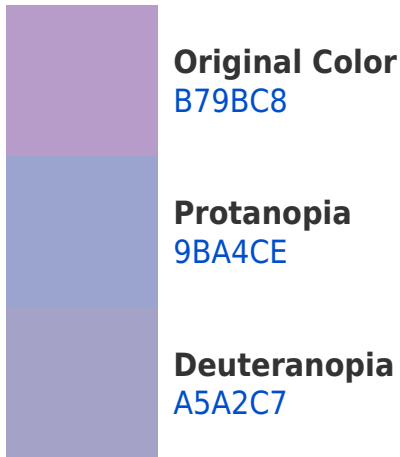


This preview shows how white text looks on a background with the Hex color B79BC8.

# 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](#).

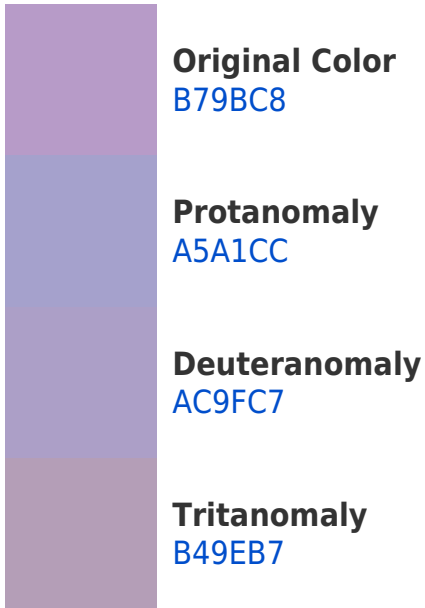
## Dichromacy





**Tritanopia**  
B3A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B79BC8 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 #B79BC8 looks like.

```
.text, #text, p{  
    color:#B79BC8  
}
```

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 #B79BC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B79BC8
}
```

## Border

The CSS property to change the border of an element to Hex B79BC8 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
#B79BC8 }
```

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

```
.border{ border-color:#B79BC8 }
```

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

Here you see how a box with a 4 pixel #B79BC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B79BC8; -webkit-box-shadow:4px 4px  
4px 4px #B79BC8; box-shadow:4px 4px 4px  
4px #B79BC8 }
```

# Background

The CSS property to change the background color of an element to Hex B79BC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B79BC8 }
```

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

```
.background{ background-color:#B79BC8 }
```

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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