

# Converting Colors

Hex(BD7BC8)

Have a look what the booklet for  
Hex(BD7BC8) contains.

<b>Hex(BD7BC8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(BD7BC8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD7BC8
RGB	189, 123, 200
RGB Percent	74%, 48%, 78%
CMY	0.2588, 0.5176, 0.2157
CMYK	0.05, 0.38, 0.00, 0.22
HSL	291°, 41%, 63%
HSV	291°, 38%, 78%
XYZ	38.4946, 29.1549, 58.2421
YIQ	151.5120, 14.6190, 37.9390

# Conversions

## Conversions Part 2

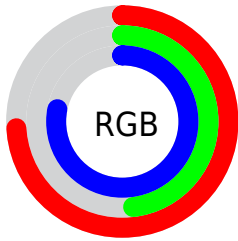
Format	Color
<a href="#">RYB</a>	<a href="#">189, 123, 200</a>
Decimal	<a href="#">12417992</a>
CIELab	<a href="#">60.92, 38.39, -29.73</a>
CIELCh	<a href="#">61, 48.558, 322.241</a>
Yxy	<a href="#">29.1549, 0.3058, 0.2316</a>
Android (android.graphics.Color)	<a href="#">4290608072 (0xFFBD7BC8)</a>
YUV	<a href="#">151.5120, 23.9046, 32.8770</a>
Hunter-Lab	<a href="#">53.9952, 32.7654, -26.1567</a>

# Details

The Hex color **BD7BC8** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **86C87B**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **F6B1FF**, and **864892** is the 20% darker color. If you saturate the color by 10%, you get **BA67C8**, and if you desaturate by 10%, it is **C08FC8**.

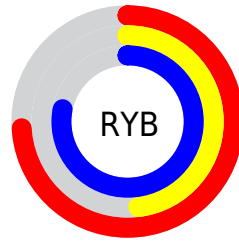
# Distribution



Red (74%)

Green (48%)

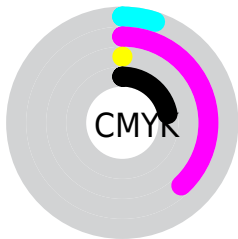
Blue (78%)



Red (74%)

Yellow (48%)

Blue (78%)

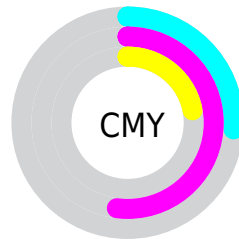


Cyan (5%)

Magenta (38%)

Yellow (0%)

Black (22%)



Cyan (26%)

Magenta (52%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD7BC8 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 BD7BC8 by changing the saturation by 10% instead.



 BD7BC8

 BD7BC8

FFFFFF

 A161AC

 F6B1FF

 864892

 FFCDFE

 6C3078

 FFE9FF

 52175F

 390047

 250030

 00011A

 000000

 BD7BC8

 BD7BC8

 BA67C8

 C08FC8

 B753C8

 C3A3C8

 B43FC8

 C6B7C8

 B22BC8

 C8CBC8

 AF17C8

 CBDFC8

 AC03C8

 CEF3C8

 AB00C8

 D1FFC8

 D4FFC8

 D7FFC8

# Harmonies

## Analogous

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



838CE2



BD7BC8



DC6FA0

# Triad

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



BD7BC8



B58D3B



00A8B2

# Complementary

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



BD7BC8



86C87B

# 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.



00A886



BD7BC8



8C9A3F

# Square

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



BD7BC8



D47D50



58A35C



00A4D6

# Rectangle

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



BD7BC8



E36E83



58A35C



00A9A4



# Sweetspot

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



BD7BC8



FBE0FF



7B87C8



7D6E80



000000



808080



# Same Dimension

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



BD7BC8



EE8AFF



C87BAD



625A63



8C00A3



1F0024



# Inverse Universe

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



C87B86



FF8A9A



7BC896



635A5B



A30017

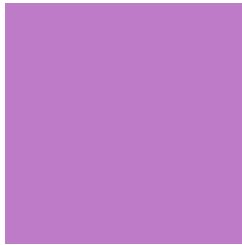


240005



# Previews

## White Background



This preview shows how the Hex color BD7BC8 looks on a white background.

## Color Contrast Check

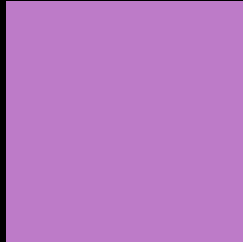
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD7BC8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

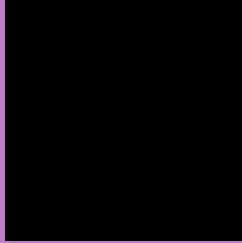
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BD7BC8 Background



This preview shows how black text looks on a background with the Hex color BD7BC8.

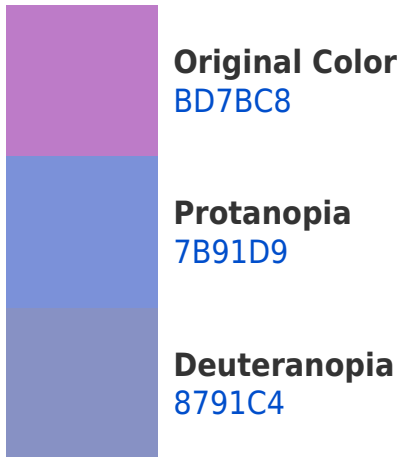


This preview shows how white text looks on a background with the Hex color BD7BC8.

# 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](#).

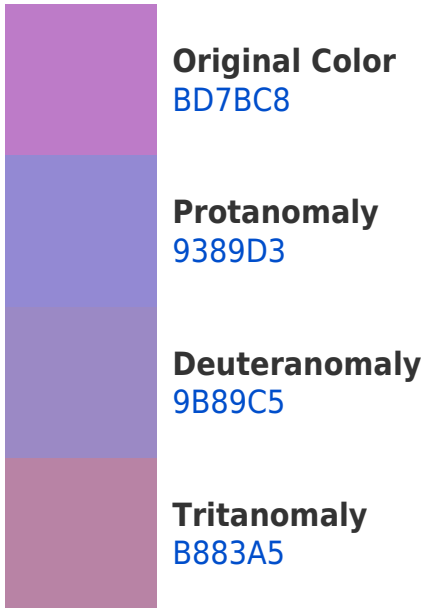
## Dichromacy



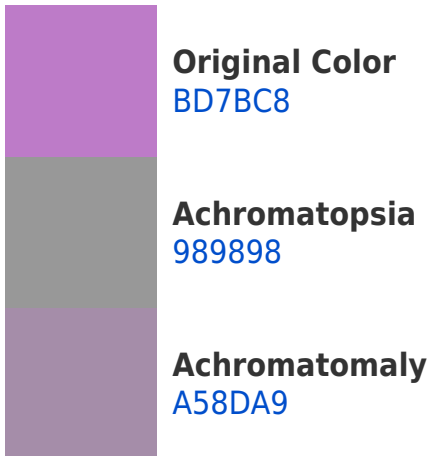


**Tritanopia**  
B58791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD7BC8 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 #BD7BC8 looks like.

```
.text, #text, p{  
    color:#BD7BC8  
}
```

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 #BD7BC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD7BC8  
}
```

## Border

The CSS property to change the border of an element to Hex BD7BC8 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  
#BD7BC8 }
```

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

```
.border{ border-color:#BD7BC8 }
```

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

Here you see how a box with a 4 pixel #BD7BC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD7BC8; -webkit-box-shadow:4px 4px  
4px 4px #BD7BC8; box-shadow:4px 4px 4px  
4px #BD7BC8 }
```

# Background

The CSS property to change the background color of an element to Hex BD7BC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD7BC8 }
```

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

```
.background{ background-color:#BD7BC8 }
```

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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