

# Converting Colors

Hex(BD8AB7)

Have a look what the booklet for  
Hex(BD8AB7) contains.

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# **Color**

**Hex(BD8AB7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD8AB7
RGB	189, 138, 183
RGB Percent	74%, 54%, 72%
CMY	0.2588, 0.4588, 0.2824
CMYK	0.00, 0.27, 0.03, 0.26
HSL	307°, 28%, 64%
HSV	307°, 27%, 74%
XYZ	38.6220, 32.4147, 49.0208
YIQ	158.3790, 15.9510, 24.8070

# Conversions

## Conversions Part 2

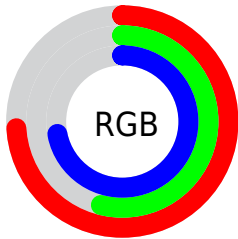
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 138, 183
Decimal	12421815
CIELab	63.68, 26.88, -15.90
CIELCh	64, 31.226, 329.391
Yxy	32.4147, 0.3217, 0.2700
Android (android.graphics.Color)	4290611895 (0xFFBD8AB7)
YUV	158.3790, 12.1382, 26.8546
Hunter-Lab	56.9339, 21.4540, -11.1957

# Details

The Hex color **BD8AB7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8ABD90**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **F6C0EF**, and **875782** is the 20% darker color. If you saturate the color by 10%, you get **BD77B5**, and if you desaturate by 10%, it is **BD9DB9**.

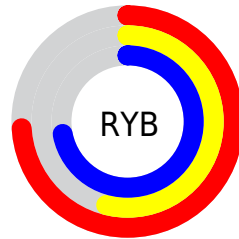
# Distribution



Red (74%)

Green (54%)

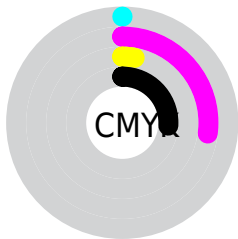
Blue (72%)



Red (74%)

Yellow (54%)

Blue (72%)

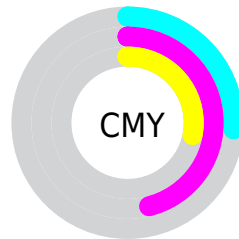


Cyan (0%)

Magenta (27%)

Yellow (3%)

Black (26%)



Cyan (26%)

Magenta (46%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD8AB7 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 BD8AB7 by changing the saturation by 10% instead.



 BD8AB7

 BD8AB7

FFFFFF

 A2709C

 F6C0EF

 875782

 FFDCFF

 6D3F69

 FFF9FF

 542851

 3C1139

 260024

 00000C

 000000

 BD8AB7

 BD8AB7

 BD77B5

 BD9DB9

 BD64B3

 BDB0BB

 BD51B0

 BDC3BE

 BD3EAE

 BDD6C0

 BD2BAC

 BDE9C2

 BD19AA

 BDFBC4

 BD06A7

 BDFFC7

 BD00A7

 BDFFC9

 BDFFCB

# Harmonies

## Analogous

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



9D93CB



BD8AB7



CF859C

# Triad

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



BD8AB7



AE9862



38A9B5

# Complementary

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



BD8AB7



8ABD90

# 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.



4EA999



BD8AB7



91A169

# Square

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



BD8AB7



C48F6B



70A77D



49A5C9

# Rectangle

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



BD8AB7



D18689



70A77D



3CA9AC



# Sweetspot

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



BD8AB7



F5E1F2



908ABD



7A6E79



FAFAFA



7A7A7A



# Same Dimension

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



BD8AB7



F5A6EC



BD8A9E



5E555D



9E008C



1F001B



# Inverse Universe

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



BD8AB7



F5A6EC



8ABDA9



5E555D



9E008C

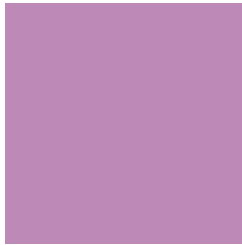


1F001B



# Previews

## White Background



This preview shows how the Hex color BD8AB7 looks on a white background.

## Color Contrast Check

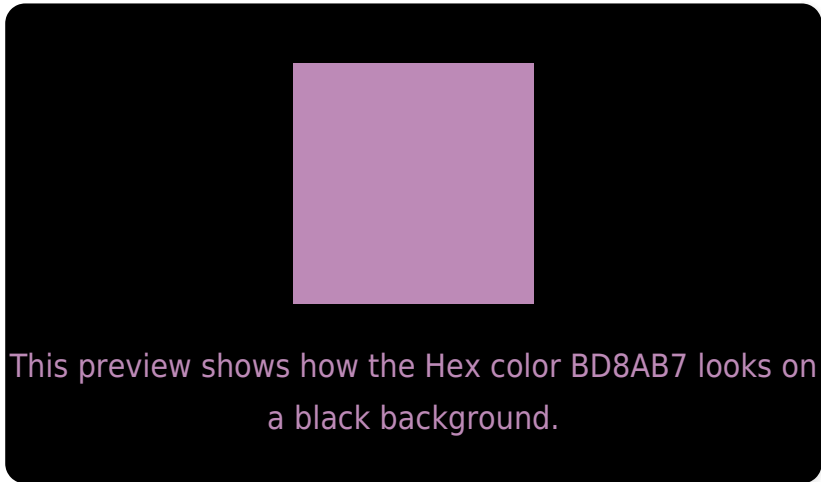
Large Text (above 18pt) WCAG AA × Fail

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

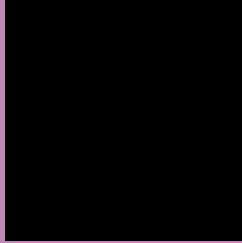
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BD8AB7 Background



This preview shows how black text looks on a background with the Hex color BD8AB7.

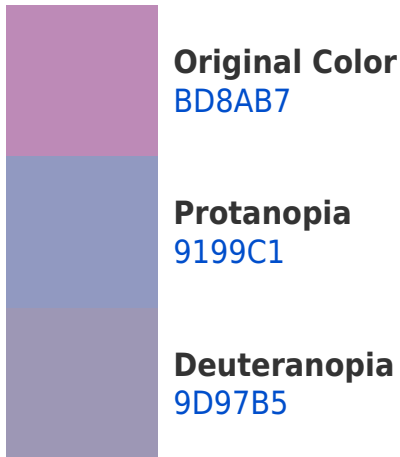


This preview shows how white text looks on a background with the Hex color BD8AB7.

# 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**  
B98F9A

# Trichromacy



**Original Color**  
BD8AB7



**Protanomaly**  
A194BD



**Deuteranomaly**  
A992B6

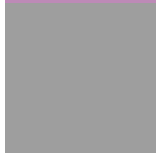


**Tritanomaly**  
BA8DA5

# Monochromacy



**Original Color**  
BD8AB7



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
A997A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD8AB7 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 #BD8AB7 looks like.

```
.text, #text, p{  
    color:#BD8AB7  
}
```

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 #BD8AB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD8AB7  
}
```

## Border

The CSS property to change the border of an element to Hex BD8AB7 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  
#BD8AB7 }
```

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

```
.border{ border-color:#BD8AB7 }
```

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

Here you see how a box with a 4 pixel #BD8AB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD8AB7; -webkit-box-shadow:4px 4px  
4px 4px #BD8AB7; box-shadow:4px 4px 4px  
4px #BD8AB7 }
```

# Background

The CSS property to change the background color of an element to Hex BD8AB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD8AB7 }
```

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

```
.background{ background-color:#BD8AB7 }
```

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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