

# Converting Colors

Hex(BB8BD7)

Have a look what the booklet for  
Hex(BB8BD7) contains.

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# **Color**

**Hex(BB8BD7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB8BD7
RGB	187, 139, 215
RGB Percent	73%, 55%, 84%
CMY	0.2667, 0.4549, 0.1569
CMYK	0.13, 0.35, 0.00, 0.16
HSL	278°, 49%, 69%
HSV	278°, 35%, 84%
XYZ	41.9919, 33.9363, 68.6271
YIQ	162.0160, 4.2120, 33.8120

# Conversions

## Conversions Part 2

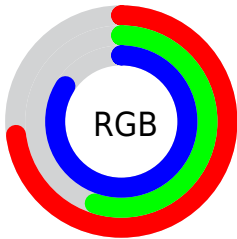
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 139, 215
Decimal	12291031
CIELab	64.91, 32.05, -31.97
CIELCh	65, 45.276, 315.072
Yxy	33.9363, 0.2905, 0.2348
Android (android.graphics.Color)	4290481111 (0xFFBB8BD7)
YUV	162.0160, 26.1211, 21.9110
Hunter-Lab	58.2549, 26.7221, -29.0681

# Details

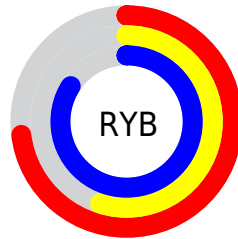
The Hex color **BB8BD7** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A7D78B**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **F4C1FF**, and **8558A0** is the 20% darker color. If you saturate the color by 10%, you get **B375D7**, and if you desaturate by 10%, it is **C3A1D7**.

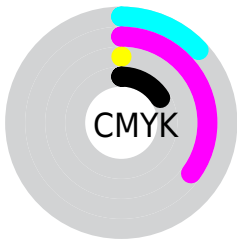
# Distribution



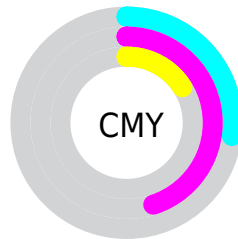
- Red (73%)
- Green (55%)
- Blue (84%)



- Red (73%)
- Yellow (55%)
- Blue (84%)



- Cyan (13%)
- Magenta (35%)
- Yellow (0%)
- Black (16%)



- Cyan (27%)
- Magenta (45%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB8BD7 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 BB8BD7 by changing the saturation by 10% instead.



 BB8BD7

 BB8BD7

FFFFFF

 9F71BB

 F4C1FF

 8558A0

 FFDDFF

 6A4086

 FFFAFF

 51296C

 381153

 21003C

 000026

 00010E

 000000

 BB8BD7

 BB8BD7

 B375D7

 C3A1D7

 AB60D7

 CBB6D7

 A34AD7

 D3CCD7

 9B35D7

 DBE1D7

 931FD7

 E3F7D7

 8B0AD7

 EBFFD7

 8800D7

 F2FFD7

 FAFFD7

 FFFFD7

# Harmonies

## Analogous

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



809BEC



BB8BD7



DE7FB3

# Triad

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



BB8BD7



C7944E



00B2B1

# Complementary

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



BB8BD7



A7D78B

# 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.



35B187



BB8BD7



A2A24D

# Square

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



BB8BD7



E18666



75AB62



00AFD6

# Rectangle

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



BB8BD7



E97C98



75AB62



00B2A3



# Sweetspot

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



BB8BD7



F5E3FF



8BA8D7



796F80



000000



808080



# Same Dimension

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



BB8BD7



D894FF



D78BCE



67606B



6C00AB



1B002B



# Inverse Universe

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



D78BA7



FF94BB



8BD794



6B6064



AB003F

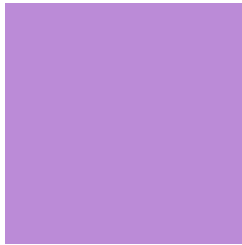


2B0010



# Previews

## White Background



This preview shows how the Hex color BB8BD7 looks on a white background.

## Color Contrast Check

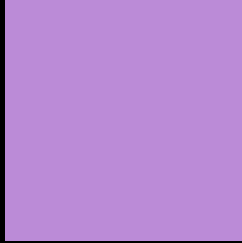
Large Text (above 18pt) WCAG AA × Fail

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 BB8BD7 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 BB8BD7 Background



This preview shows how black text looks on a background with the Hex color BB8BD7.

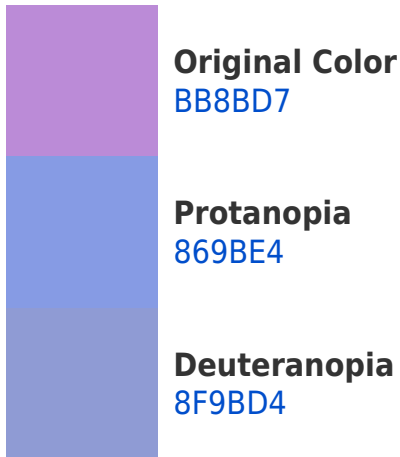


This preview shows how white text looks on a background with the Hex color BB8BD7.

# 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**  
B396A2

# Trichromacy



**Original Color**  
BB8BD7



**Protanomaly**  
9995DF



**Deuteranomaly**  
9F95D5



**Tritanomaly**  
B692B5

# Monochromacy



**Original Color**  
BB8BD7



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
AB9AB5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB8BD7 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 #BB8BD7 looks like.

```
.text, #text, p{  
    color:#BB8BD7  
}
```

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 #BB8BD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB8BD7
}
```

## Border

The CSS property to change the border of an element to Hex BB8BD7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

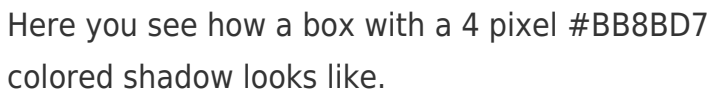
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB8BD7 }
```

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

```
.border{ border-color:#BB8BD7 }
```

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



Here you see how a box with a 4 pixel #BB8BD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB8BD7; -webkit-box-shadow:4px 4px  
4px 4px #BB8BD7; box-shadow:4px 4px 4px  
4px #BB8BD7 }
```

# Background

The CSS property to change the background color of an element to Hex BB8BD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB8BD7 }
```

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

```
.background{ background-color:#BB8BD7 }
```

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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