

# Converting Colors

Hex(BB8BE8)

Have a look what the booklet for  
Hex(BB8BE8) contains.

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# Color

Hex(**BB8BE8**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BB8BE8
RGB	187, 139, 232
RGB Percent	73%, 55%, 91%
CMY	0.2667, 0.4549, 0.0902
CMYK	0.19, 0.40, 0.00, 0.09
HSL	271°, 67%, 73%
HSV	271°, 40%, 91%
XYZ	44.2916, 34.8562, 80.7374
YIQ	163.9540, -1.2450, 39.0990

# Conversions

## Conversions Part 2

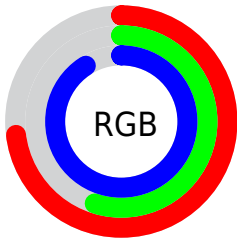
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 139, 232
Decimal	12291048
CIELab	65.64, 35.76, -40.27
CIELCh	66, 53.857, 311.605
Yxy	34.8562, 0.2770, 0.2180
Android (android.graphics.Color)	4290481128 (0xFFBB8BE8)
YUV	163.9540, 33.5467, 20.2113
Hunter-Lab	59.0392, 30.5935, -39.7530

# Details

The Hex color **BB8BE8** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B8E88B**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **F4C1FF**, and **8458B0** is the 20% darker color. If you saturate the color by 10%, you get **B074E8**, and if you desaturate by 10%, it is **C6A2E8**.

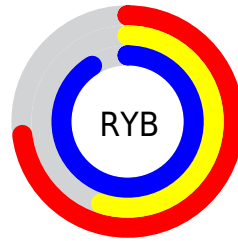
# Distribution



Red (73%)

Green (55%)

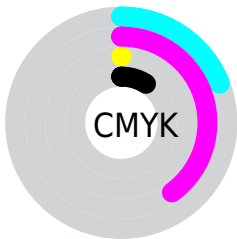
Blue (91%)



Red (73%)

Yellow (55%)

Blue (91%)

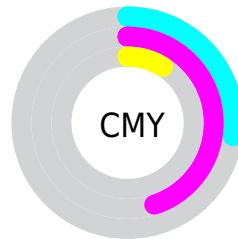


Cyan (19%)

Magenta (40%)

Yellow (0%)

Black (9%)



Cyan (27%)

Magenta (45%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB8BE8 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 BB8BE8 by changing the saturation by 10% instead.



 BB8BE8

 BB8BE8

FFFFFF

 9F71CC

 F4C1FF

 8458B0

 FFDDFF

 694095

 FFFAFF

 4F287B

 361061

 1C0049

 000032

 00011C

 000000

 BB8BE8

 BB8BE8

 B074E8

 C6A2E8

 A55DE8

 D1B9E8

 9945E8

 DDD1E8

 8E2EE8

 E8E8E8

 8317E8

 F3FFE8

 7800E8

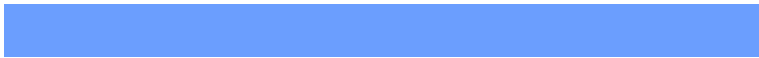
 FEFFE8

 FFFE8

# Harmonies

## Analogous

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



6B9EFE



BB8BE8



E87ABF

# Triad

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



BB8BE8



D39242



00B7B1

# Complementary

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



BB8BE8



B8E88B

# 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.



12B57F



BB8BE8



A9A33B

# Square

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



BB8BE8



F08062



74AF54



00B5DE

# Rectangle

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



BB8BE8



F7759F



74AF54



00B7A1



# Sweetspot

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



BB8BE8



F0E0FF



8BBAE8



776E80



000000



808080



# Same Dimension

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



BB8BE8



C485FF



E88BE8



6D6773



5C00B3



1A0033



# Inverse Universe

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



E88BB8



FF85C0



8BE88B



73676D



B30056

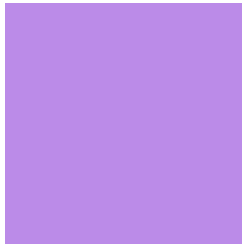


330019



# Previews

## White Background



This preview shows how the Hex color BB8BE8 looks on a white background.

## Color Contrast Check

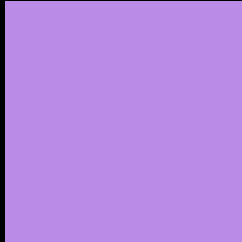
Large Text (above 18pt) WCAG AA × Fail

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 BB8BE8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

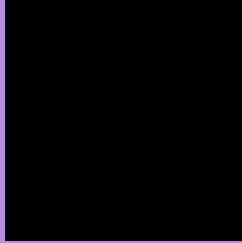
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BB8BE8 Background



This preview shows how black text looks on a background with the Hex color BB8BE8.

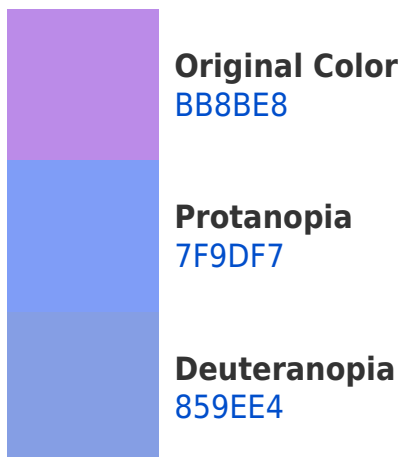


This preview shows how white text looks on a background with the Hex color BB8BE8.

# 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](#).

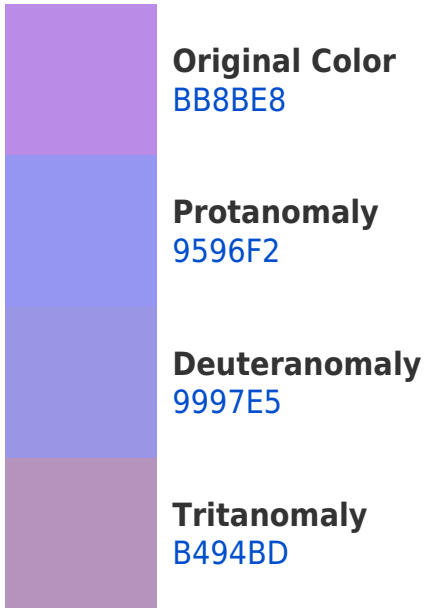
## Dichromacy



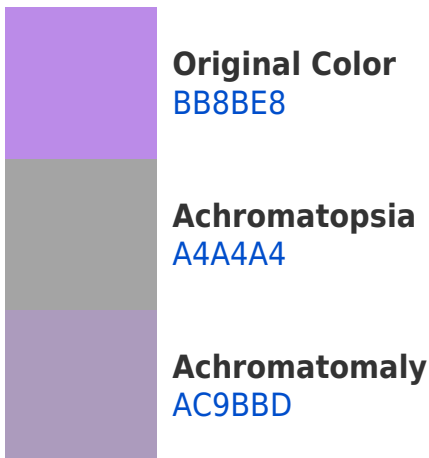


**Tritanopia**  
B099A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB8BE8 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 #BB8BE8 looks like.

```
.text, #text, p{  
    color:#BB8BE8  
}
```

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 #BB8BE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB8BE8
}
```

## Border

The CSS property to change the border of an element to Hex BB8BE8 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
#BB8BE8 }
```

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

```
.border{ border-color:#BB8BE8 }
```

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

Here you see how a box with a 4 pixel #BB8BE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB8BE8; -webkit-box-shadow:4px 4px  
4px 4px #BB8BE8; box-shadow:4px 4px 4px  
4px #BB8BE8 }
```

# Background

The CSS property to change the background color of an element to Hex BB8BE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB8BE8 }
```

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

```
.background{ background-color:#BB8BE8 }
```

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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