

# Converting Colors

Hex(BB8BB4)

Have a look what the booklet for  
Hex(BB8BB4) contains.

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# Color

Hex(**BB8BB4**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BB8BB4
RGB	187, 139, 180
RGB Percent	73%, 55%, 71%
CMY	0.2667, 0.4549, 0.2941
CMYK	0.00, 0.26, 0.04, 0.27
HSL	309°, 26%, 64%
HSV	309°, 26%, 73%
XYZ	37.9644, 32.3253, 47.4185
YIQ	158.0260, 15.4470, 22.9270

# Conversions

## Conversions Part 2

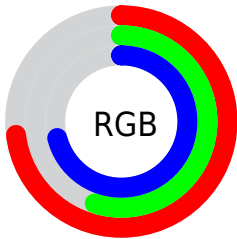
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 139, 180
Decimal	12290996
CIELab	63.61, 25.08, -14.34
CIELCh	64, 28.886, 330.242
Yxy	32.3253, 0.3225, 0.2746
Android (android.graphics.Color)	4290481076 (0xFFBB8BB4)
YUV	158.0260, 10.8332, 25.4102
Hunter-Lab	56.8554, 19.6939, -9.6503

# Details

The Hex color **BB8BB4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8BBB92**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **F4C1EC**, and **85587F** is the 20% darker color. If you saturate the color by 10%, you get **BB78B1**, and if you desaturate by 10%, it is **BB9EB7**.

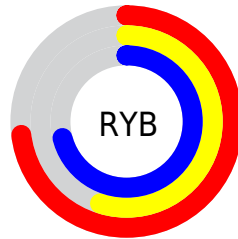
# Distribution



Red (73%)

Green (55%)

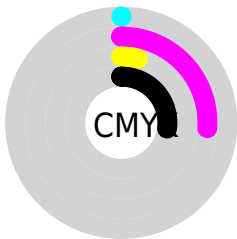
Blue (71%)



Red (73%)

Yellow (55%)

Blue (71%)

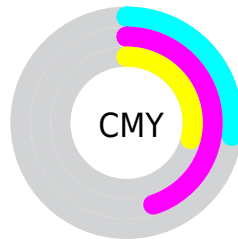


Cyan (0%)

Magenta (26%)

Yellow (4%)

Black (27%)



Cyan (27%)

Magenta (45%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB8BB4 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 BB8BB4 by changing the saturation by 10% instead.



 BB8BB4

 BB8BB4

FFFFFF

 A07199

 F4C1EC

 85587F

 FFDDFF

 6B4066

 FFFAFF

 53294E

 3B1337

 250022

 000008

 000000

 BB8BB4

 BB8BB4

 BB78B1

 BB9EB7

 BB66AF

 BBB0B9

 BB53AC

 BBC3BC

 BB40A9

 BBD6BF

 BB2DA6

 BBE8C2

 BB1BA4

 BBFBC4

 BB08A1

 BBFFC7

 BB00A0

 BBFFCA

 BBFFCD

# Harmonies

## Analogous

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



9E93C6



BB8BB4



CB879B

# Triad

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



BB8BB4



AC9867



45A7B3

# Complementary

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



BB8BB4



8BBB92

# 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.



55A899



BB8BB4



91A06D

# Square

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



BB8BB4



C1906E



73A680



54A3C6

# Rectangle

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



BB8BB4



CE8789



73A680



48A8AB



# Sweetspot

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



BB8BB4



F2DFEF



918BBB



7A6E79



FAFAFA



7A7A7A



# Same Dimension

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



BB8BB4



F2A7E7



BB8B9D



5E555D



9E0087



1F001A



# Inverse Universe

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



BB8BB4



F2A7E7



8BBBA9



5E555D



9E0087

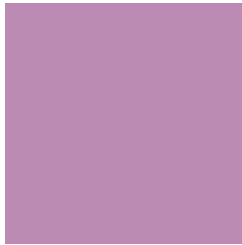


1F001A



# Previews

## White Background



This preview shows how the Hex color BB8BB4 looks on a white background.

## Color Contrast Check

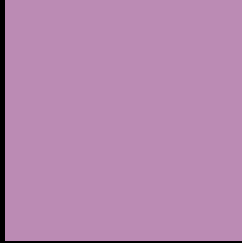
Large Text (above 18pt) WCAG AA × Fail

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 BB8BB4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

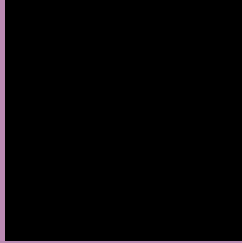
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BB8BB4 Background



This preview shows how black text looks on a background with the Hex color BB8BB4.



This preview shows how white text looks on a background with the Hex color BB8BB4.

# 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**  
B8909B

# Trichromacy



**Original Color**  
BB8BB4

**Protanomaly**  
A194BA

**Deuteranomaly**  
A992B3

**Tritanomaly**  
B98EA4

# Monochromacy



**Original Color**  
BB8BB4

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
A997A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB8BB4 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 #BB8BB4 looks like.

```
.text, #text, p{  
    color:#BB8BB4  
}
```

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 #BB8BB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB8BB4
}
```

## Border

The CSS property to change the border of an element to Hex BB8BB4 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
#BB8BB4 }
```

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

```
.border{ border-color:#BB8BB4 }
```

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

Here you see how a box with a 4 pixel #BB8BB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB8BB4; -webkit-box-shadow:4px 4px  
4px 4px #BB8BB4; box-shadow:4px 4px 4px  
4px #BB8BB4 }
```

# Background

The CSS property to change the background color of an element to Hex BB8BB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB8BB4 }
```

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

```
.background{ background-color:#BB8BB4 }
```

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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