

# Converting Colors

Hex(BB869C)

Have a look what the booklet for  
Hex(BB869C) contains.

<b>Hex(BB869C)</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(BB869C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB869C
RGB	187, 134, 156
RGB Percent	73%, 53%, 61%
CMY	0.2667, 0.4745, 0.3882
CMYK	0.00, 0.28, 0.17, 0.27
HSL	335°, 28%, 63%
HSV	335°, 28%, 73%
XYZ	35.0194, 30.0153, 35.4003
YIQ	152.3550, 24.5260, 18.0780

# Conversions

## Conversions Part 2

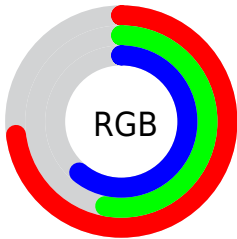
Format	Color
<a href="#">RYB</a>	<a href="#">187, 134, 156</a>
Decimal	<a href="#">12289692</a>
CIELab	<a href="#">61.67, 23.68, -3.61</a>
CIElCh	<a href="#">62, 23.949, 351.319</a>
Yxy	<a href="#">30.0153, 0.3487, 0.2989</a>
Android (android.graphics.Color)	<a href="#">4290479772 (0xFFBB869C)</a>
YUV	<a href="#">152.3550, 1.7970, 30.3837</a>
Hunter-Lab	<a href="#">54.7862, 18.2214, 0.0399</a>

# Details

The Hex color **BB869C** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86BBA5**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **F4BCD2**, and **855469** is the 20% darker color. If you saturate the color by 10%, you get **BB7391**, and if you desaturate by 10%, it is **BB99A7**.

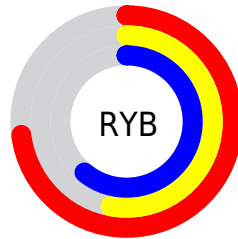
# Distribution



Red (73%)

Green (53%)

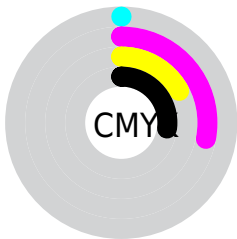
Blue (61%)



Red (73%)

Yellow (53%)

Blue (61%)

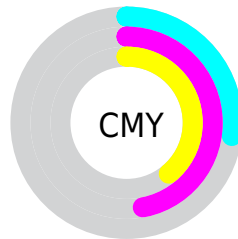


Cyan (0%)

Magenta (28%)

Yellow (17%)

Black (27%)



Cyan (27%)

Magenta (47%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB869C 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 BB869C by changing the saturation by 10% instead.



 BB869C

 BB869C

FFFFFF

 A06C82

 F4BCD2

 855469

 FFD8EF

 6B3C51

 FFF4FF

 52253A

 3A0F24

 26000F

 000000

 BB869C

 BB869C

 BB7391

 BB99A7

 BB6186

 BBABB2

 BB4E7B

 BBEBD

 BB3B70

 BBD1C8

 BB2965

 BBE4D3

 BB165A

 BBF6DE

 BB034F

 BBFFE9

 BB004E

 BBFFF4

 BBFFFE

# Harmonies

## Analogous

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



AA8BB0



BB869C



C08687

# Triad

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



BB869C



95986D



5A9EB5

# Complementary

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



BB869C



86BBA5

# 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.



56A1A4



BB869C



7C9E7A

# Square

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



BB869C



AA916B



65A08E



7299BE

# Rectangle

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



BB869C



BD897A



65A08E



579FB0



# Sweetspot

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



BB869C



F2DCE5



A586BB



7A6D73



FAFAFA



7A7A7A



# Same Dimension

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



BB869C



F2A0C2



BB8A86



5E5559



9E0042



1F000D



# Inverse Universe

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



BB869C



F2A0C2



86B7BB



5E5559



9E0042

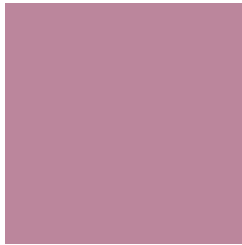


1F000D



# Previews

## White Background



This preview shows how the Hex color BB869C looks on a white background.

## Color Contrast Check

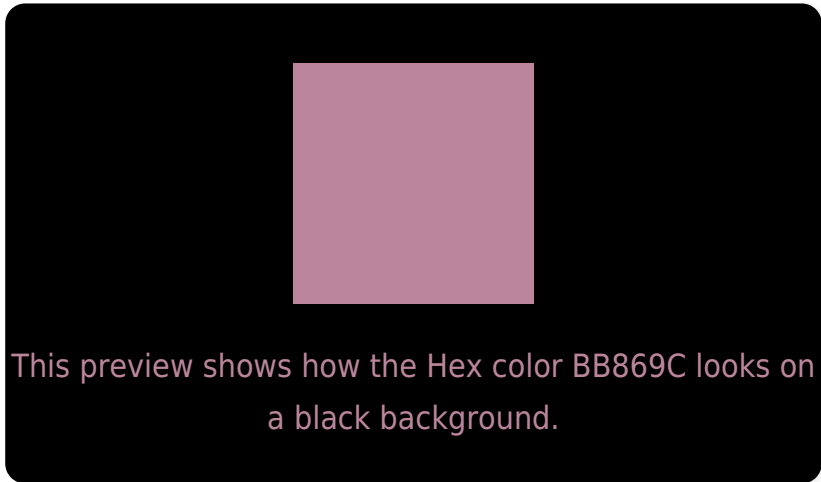
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

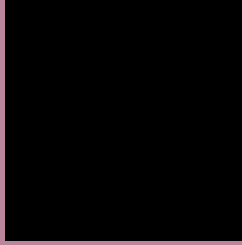
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BB869C Background



This preview shows how black text looks on a background with the Hex color BB869C.



This preview shows how white text looks on a background with the Hex color BB869C.

# 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





# Trichromacy



**Original Color**  
BB869C

**Protanomaly**  
A28FA2

**Deuteranomaly**  
AB8D9B

**Tritanomaly**  
BA8796

# Monochromacy



**Original Color**  
BB869C

**Achromatopsia**  
989898

**Achromatomaly**  
A59199

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB869C 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 #BB869C looks like.

```
.text, #text, p{  
    color:#BB869C  
}
```

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 #BB869C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB869C
}
```

## Border

The CSS property to change the border of an element to Hex BB869C is called "border". The border property can be set on classes, ids or directly on the HTML element.

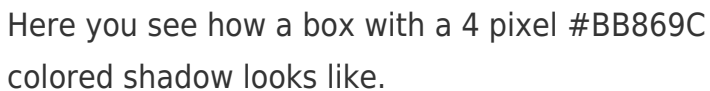
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB869C }
```

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

```
.border{ border-color:#BB869C }
```

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



Here you see how a box with a 4 pixel #BB869C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB869C; -webkit-box-shadow:4px 4px  
4px 4px #BB869C; box-shadow:4px 4px 4px  
4px #BB869C }
```

# Background

The CSS property to change the background color of an element to Hex BB869C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB869C }
```

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

```
.background{ background-color:#BB869C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor