

# Converting Colors

Hex(BB75BF)

Have a look what the booklet for  
Hex(BB75BF) contains.

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# **Color**

**Hex(BB75BF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB75BF
RGB	187, 117, 191
RGB Percent	73%, 46%, 75%
CMY	0.2667, 0.5412, 0.2510
CMYK	0.02, 0.39, 0.00, 0.25
HSL	297°, 37%, 60%
HSV	297°, 39%, 75%
XYZ	36.2588, 27.0490, 52.6001
YIQ	146.3660, 17.9660, 37.8540

# Conversions

## Conversions Part 2

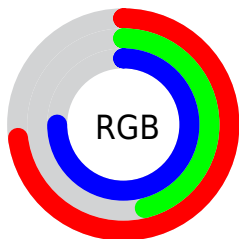
Format	Color
<a href="#">RYB</a>	<a href="#">187, 117, 191</a>
Decimal	<a href="#">12285375</a>
CIELab	<a href="#">59.02, 39.27, -27.59</a>
CIELCh	<a href="#">59, 47.989, 324.912</a>
Yxy	<a href="#">27.0490, 0.3128, 0.2334</a>
Android (android.graphics.Color)	<a href="#">4290475455 (0xFFBB75BF)</a>
YUV	<a href="#">146.3660, 22.0046, 35.6360</a>
Hunter-Lab	<a href="#">52.0086, 33.4295, -23.5583</a>

# Details

The Hex color **BB75BF** is a light color, and the websafe version is hex **996699**. A complement of this color would be **79BF75**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **F4AAF8**, and **844289** is the 20% darker color. If you saturate the color by 10%, you get **BA62BF**, and if you desaturate by 10%, it is **BC88BF**.

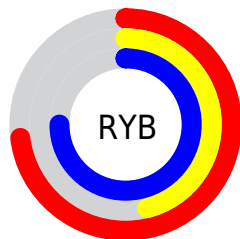
# Distribution



Red (73%)

Green (46%)

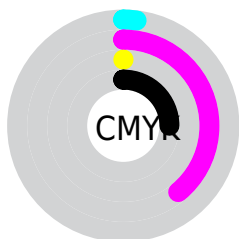
Blue (75%)



Red (73%)

Yellow (46%)

Blue (75%)

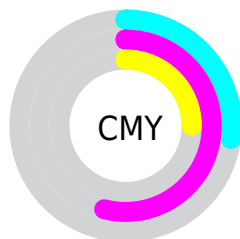


Cyan (2%)

Magenta (39%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (54%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB75BF 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 BB75BF by changing the saturation by 10% instead.



 BB75BF

 BB75BF

FFFFFF

 9F5BA4

 F4AAF8

 844289

 FFC6FF

 6A2970

 FFE3FF

 500F57

 38003F

 240029

 000113

 000000

 BB75BF

 BB75BF

 BA62BF

 BC88BF

 B94FBF

 BD9BBF

 B83CBF

 BEAEBF

 B729BF

 BFC1BF

 B616BF

 C0D4BF

 B502BF

 C1E8BF

 B500BF

 C2FBBF

 C3FFBF

 C4FFBF

# Harmonies

## Analogous

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



8586DB



BB75BF



D76A97

# Triad

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



BB75BF



AC8937



00A3B0

# Complementary

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



BB75BF



79BF75

# 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.



00A385



BB75BF



83963E

# Square

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



BB75BF



CB7A4A



4F9F5C



009ED2

# Rectangle

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



BB75BF



DD6A7B



4F9F5C



00A3A2



# Sweetspot

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



BB75BF



F6DAF7



757ABF



7C6B7D



FCFCFC



7D7D7D



# Same Dimension

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



BB75BF



F186F7



BF759F



5E555E



96009E



1D001F



# Inverse Universe

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



BF7579



F7868C



75BF95



5E5555



9E0009

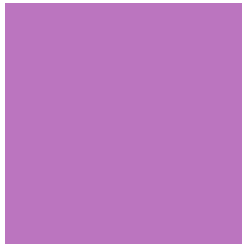


1F0002



# Previews

## White Background



This preview shows how the Hex color BB75BF looks on a white background.

## Color Contrast Check

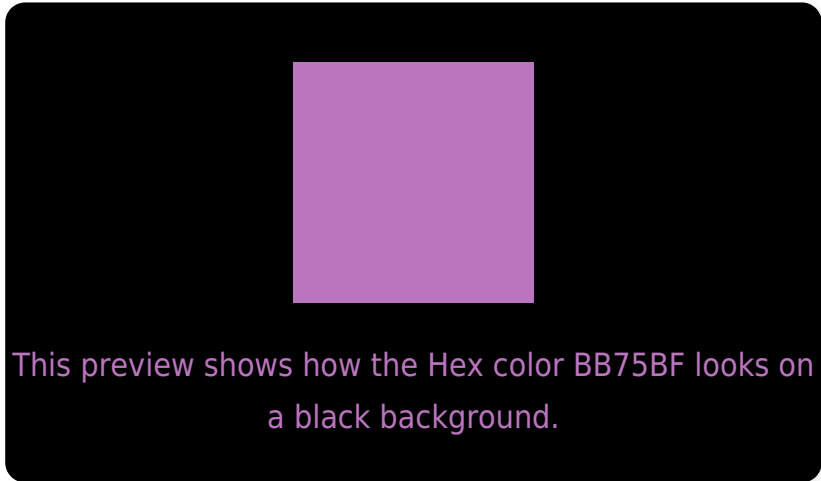
Large Text (above 18pt) WCAG AA ✓ Pass

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

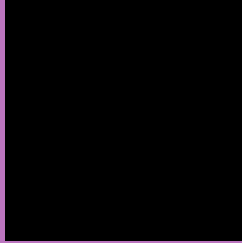
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BB75BF Background



This preview shows how black text looks on a background with the Hex color BB75BF.

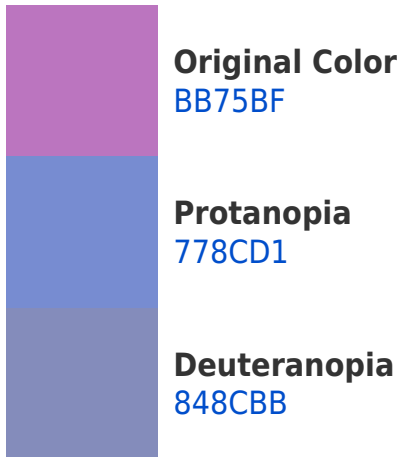


This preview shows how white text looks on a background with the Hex color BB75BF.

# 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](#).

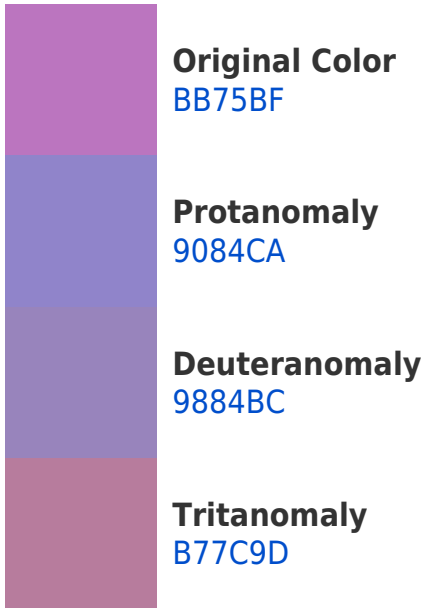
## Dichromacy





**Tritanopia**  
B4808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB75BF 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 #BB75BF looks like.

```
.text, #text, p{  
    color:#BB75BF  
}
```

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 #BB75BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB75BF
}
```

## Border

The CSS property to change the border of an element to Hex BB75BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

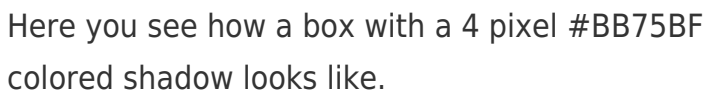
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB75BF }
```

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

```
.border{ border-color:#BB75BF }
```

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



Here you see how a box with a 4 pixel #BB75BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB75BF; -webkit-box-shadow:4px 4px  
4px 4px #BB75BF; box-shadow:4px 4px 4px  
4px #BB75BF }
```

# Background

The CSS property to change the background color of an element to Hex BB75BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB75BF }
```

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

```
.background{ background-color:#BB75BF }
```

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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