

# Converting Colors

Hex(B97BAF)

Have a look what the booklet for  
Hex(B97BAF) contains.

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# Color

Hex(**B97BAF**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B97BAF
RGB	185, 123, 175
RGB Percent	73%, 48%, 69%
CMY	0.2745, 0.5176, 0.3137
CMYK	0.00, 0.34, 0.05, 0.27
HSL	310°, 31%, 60%
HSV	310°, 34%, 73%
XYZ	34.8284, 27.5754, 44.0444
YIQ	147.4660, 20.2600, 29.3160

# Conversions

## Conversions Part 2

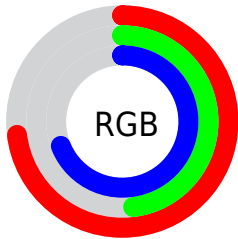
Format	Color
<a href="#">RYB</a>	<a href="#">185, 123, 175</a>
Decimal	<a href="#">12155823</a>
CIELab	<a href="#">59.50, 32.35, -17.74</a>
CIELCh	<a href="#">60, 36.894, 331.268</a>
Yxy	<a href="#">27.5754, 0.3272, 0.2590</a>
Android (android.graphics.Color)	<a href="#">4290345903</a> ( <a href="#">0xFFB97BAF</a> )
YUV	<a href="#">147.4660, 13.5743, 32.9173</a>
Hunter-Lab	<a href="#">52.5122, 26.4926, -12.9706</a>

# Details

The Hex color **B97BAF** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7BB985**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **F2B0E7**, and **83497A** is the 20% darker color. If you saturate the color by 10%, you get **B969AC**, and if you desaturate by 10%, it is **B98EB2**.

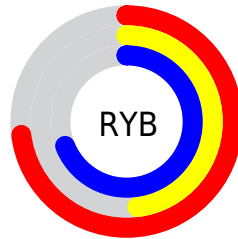
# Distribution



Red (73%)

Green (48%)

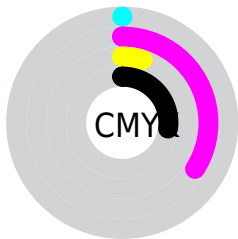
Blue (69%)



Red (73%)

Yellow (48%)

Blue (69%)

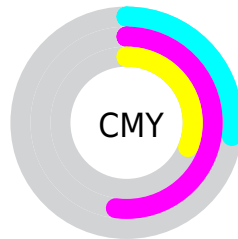


Cyan (0%)

Magenta (34%)

Yellow (5%)

Black (27%)



Cyan (27%)

Magenta (52%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B97BAF 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 B97BAF by changing the saturation by 10% instead.



 B97BAF

 B97BAF

FFFFFF

 9E6194

 F2B0E7

 83497A

 FFCCFF

 693161

 FFE9FF

 50194A

 370033

 24001E

 000000

 B97BAF

 B97BAF

 B969AC

 B98EB2

 B956A9

 B9A0B5

 B944A6

 B9B3B8

 B931A3

 B9C5BB

 B91EA0

 B9D8BE

 B90C9D

 B9EAC1

 B9009B

 B9FDC4

 B9FFC7

 B9FFCA

# Harmonies

## Analogous

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



9486C7



B97BAF



CC758F

# Triad

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



B97BAF



A38E4D



009FB0

# Complementary

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



B97BAF



7BB985

# 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.



22A090



B97BAF



819756

# Square

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



B97BAF



BD8257



599E6F



099BC7

# Rectangle

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



B97BAF



CE7779



599E6F



00A0A6



# Sweetspot

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



B97BAF



F0D8EC



847BB9



786976



F7F7F7



787878



# Same Dimension

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



B97BAF



F090E0



B97B91



5C535A



9C0082



1C0018



# Inverse Universe

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



B97BAF



F090E0



7BB9A3



5C535A



9C0082

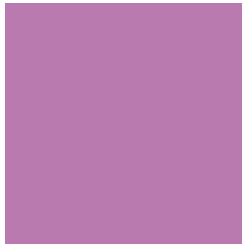


1C0018



# Previews

## White Background



This preview shows how the Hex color B97BAF looks on a white background.

## Color Contrast Check

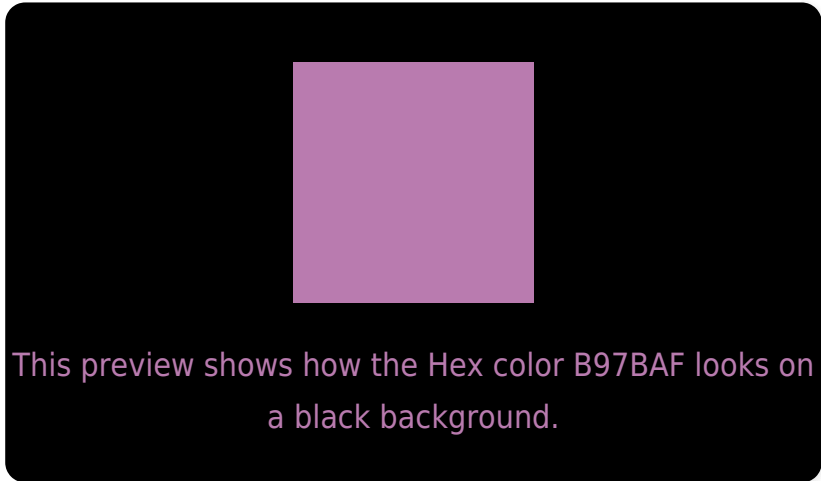
Large Text (above 18pt) WCAG AA ✓ Pass

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

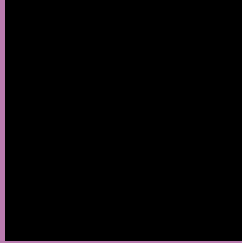
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B97BAF Background



This preview shows how black text looks on a background with the Hex color B97BAF.

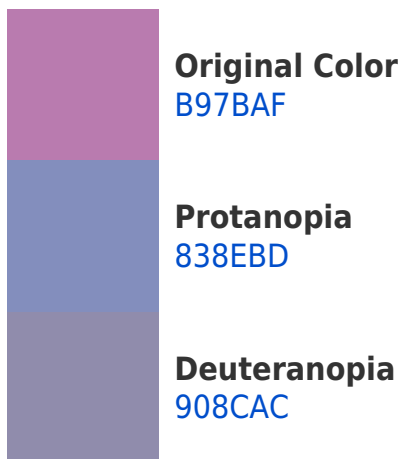



This preview shows how white text looks on a background with the Hex color B97BAF.

# 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](#).

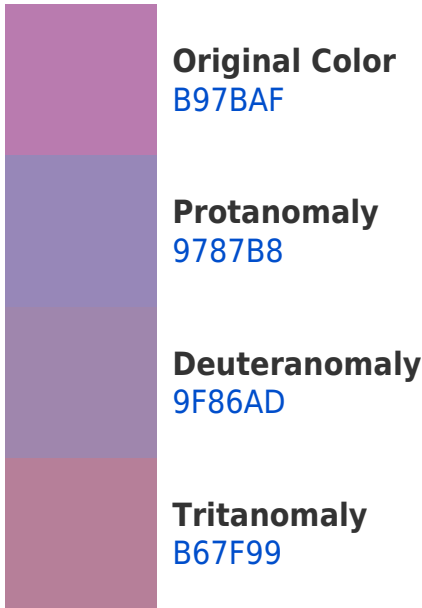
## Dichromacy



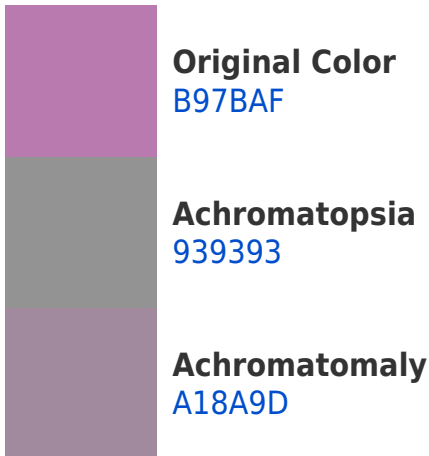


**Tritanopia**  
B5828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B97BAF 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 #B97BAF looks like.

```
.text, #text, p{  
  color:#B97BAF  
}
```

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 #B97BAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B97BAF
}
```

## Border

The CSS property to change the border of an element to Hex B97BAF is called "border". The border property can be set on classes, ids or directly on the HTML element.

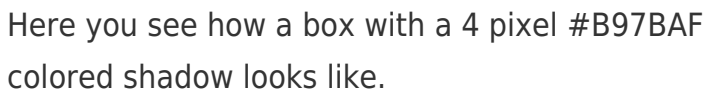
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B97BAF }
```

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

```
.border{ border-color:#B97BAF }
```

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



Here you see how a box with a 4 pixel #B97BAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B97BAF; -webkit-box-shadow:4px 4px  
4px 4px #B97BAF; box-shadow:4px 4px 4px  
4px #B97BAF }
```

# Background

The CSS property to change the background color of an element to Hex B97BAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B97BAF }
```

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

```
.background{ background-color:#B97BAF }
```

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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