

# Converting Colors

Hex(B896BF)

Have a look what the booklet for  
Hex(B896BF) contains.

<b>Hex(B896BF)</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(B896BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B896BF
RGB	184, 150, 191
RGB Percent	72%, 59%, 75%
CMY	0.2784, 0.4118, 0.2510
CMYK	0.04, 0.21, 0.00, 0.25
HSL	290°, 24%, 67%
HSV	290°, 21%, 75%
XYZ	40.0775, 35.7646, 54.0812
YIQ	164.8400, 7.1030, 19.9590

# Conversions

## Conversions Part 2

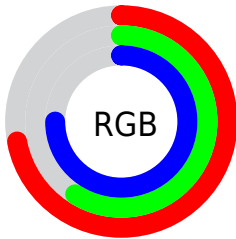
Format	Color
<a href="#">RYB</a>	<a href="#">184, 150, 191</a>
Decimal	<a href="#">12097215</a>
CIELab	<a href="#">66.34, 20.02, -16.42</a>
CIELCh	<a href="#">66, 25.898, 320.640</a>
Yxy	<a href="#">35.7646, 0.3085, 0.2753</a>
Android (android.graphics.Color)	<a href="#">4290287295 (0xFFB896BF)</a>
YUV	<a href="#">164.8400, 12.8969, 16.8033</a>
Hunter-Lab	<a href="#">59.8035, 14.9660, -11.7543</a>

# Details

The Hex color **B896BF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9DBF96**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **F0CCF7**, and **83638A** is the 20% darker color. If you saturate the color by 10%, you get **B583BF**, and if you desaturate by 10%, it is **BBA9BF**.

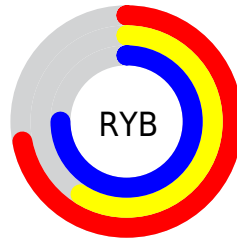
# Distribution



Red (72%)

Green (59%)

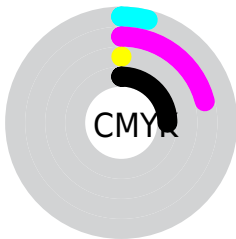
Blue (75%)



Red (72%)

Yellow (59%)

Blue (75%)

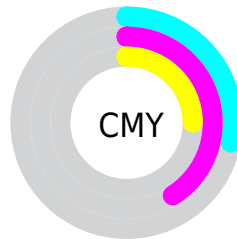


Cyan (4%)

Magenta (21%)

Yellow (0%)

Black (25%)



Cyan (28%)

Magenta (41%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B896BF 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 B896BF by changing the saturation by 10% instead.



 B896BF

 B896BF

FFFFFF

 9D7CA4

 F0CCF7

 83638A

 FFE9FF

 694B70

 513458

 391E40

 23082A

 000015

 000000

 B896BF

 B896BF

 B583BF

 BBA9BF

 B170BF

 BFBCBF

 AE5DBF

 C2CFBF

 AB4ABF

 C5E2BF

 A837BF

 C8F6BF

 A423BF

 CCFFBF

 A110BF

 CFFFBF

 9E00BF

 D2FFBF

 D5FFBF

# Harmonies

## Analogous

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



9B9ECD



B896BF



CB91AA

# Triad

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



B896BF



B99D74



5CAEB1

# Complementary

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



B896BF



9DBF96

# 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.



6DAE99



B896BF



A1A575

# Square

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



B896BF



CA967E



87AB83



60ABC4

# Rectangle

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



B896BF



D0909A



87AB83



60AEA9



# Sweetspot

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



B896BF



F5E9F7



969EBF



7B747D



FCFCFC



7D7D7D



# Same Dimension

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



B896BF



ECB7F7



BF96B2



5D555E



83009E



19001F



# Inverse Universe

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



BF969D



F7B7C2



96BFA3



5E5557



9E001B

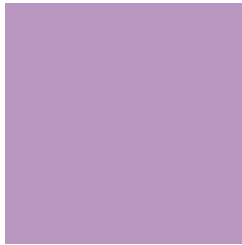


1F0005



# Previews

## White Background



This preview shows how the Hex color B896BF looks on a white background.

## Color Contrast Check

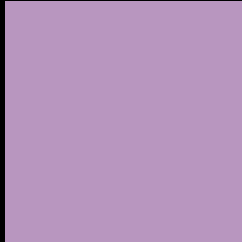
Large Text (above 18pt) WCAG AA × Fail

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 B896BF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

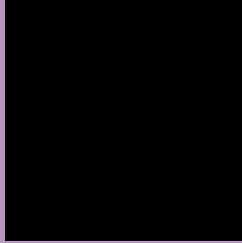
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B896BF Background



This preview shows how black text looks on a background with the Hex color B896BF.



This preview shows how white text looks on a background with the Hex color B896BF.

# 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**  
B49AA6

# Trichromacy



**Original Color**  
B896BF

**Protanomaly**  
A49CC3

**Deuteranomaly**  
AB9BBE

**Tritanomaly**  
B599AF

# Monochromacy



**Original Color**  
B896BF

**Achromatopsia**  
A5A5A5

**Achromatomaly**  
ACA0AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B896BF 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 #B896BF looks like.

```
.text, #text, p{  
    color:#B896BF  
}
```

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 #B896BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B896BF
}
```

## Border

The CSS property to change the border of an element to Hex B896BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

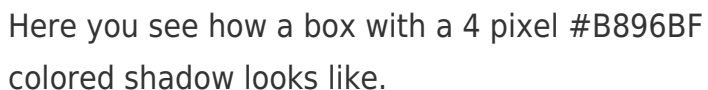
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B896BF }
```

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

```
.border{ border-color:#B896BF }
```

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



Here you see how a box with a 4 pixel #B896BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B896BF; -webkit-box-shadow:4px 4px  
4px 4px #B896BF; box-shadow:4px 4px 4px  
4px #B896BF }
```

# Background

The CSS property to change the background color of an element to Hex B896BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B896BF }
```

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

```
.background{ background-color:#B896BF }
```

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