

Converting Colors

Hex(B987BE)

Have a look what the booklet for
Hex(B987BE) contains.

Hex(B987BE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B987BE)

Conversions

Conversions Part 1

Format	Color
Hex	B987BE
RGB	185, 135, 190
RGB Percent	73%, 53%, 75%
CMY	0.2745, 0.4706, 0.2549
CMYK	0.03, 0.29, 0.00, 0.25
HSL	295°, 30%, 64%
HSV	295°, 29%, 75%
XYZ	37.9658, 31.3599, 52.7673
YIQ	156.2200, 12.1450, 27.7050

Conversions

Conversions Part 2

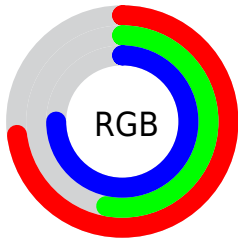
Format	Color
R _Y B	185, 135, 190
Decimal	12158910
CIE Lab	62.81, 28.53, -21.22
CIE LCh	63, 35.556, 323.366
Yxy	31.3599, 0.3110, 0.2569
Android (android.graphics.Color)	4290348990 (0xFFB987BE)
YUV	156.2200, 16.6535, 25.2401
Hunter-Lab	55.9999, 23.0163, -16.6674

Details

The Hex color **B987BE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8CBE87**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **F2BDF6**, and **835488** is the 20% darker color. If you saturate the color by 10%, you get **B774BE**, and if you desaturate by 10%, it is **BB9ABE**.

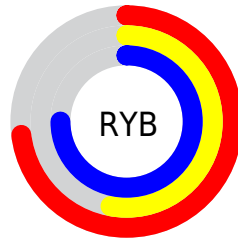
Distribution



Red (73%)

Green (53%)

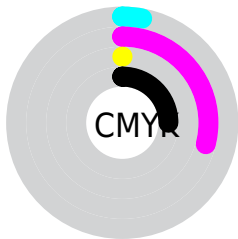
Blue (75%)



Red (73%)

Yellow (53%)

Blue (75%)

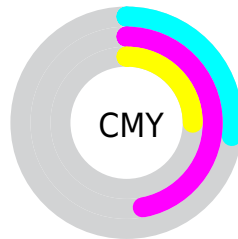


Cyan (3%)

Magenta (29%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (47%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color B987BE 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 B987BE by changing the saturation by 10% instead.

 B987BE

 B987BE

FFFFFF

 9E6DA3

 F2BDF6

 835488

 FFD9FF

 693C6F

 FFF5FF

 502556

 380E3F

 230029

 000113

 000000

 B987BE

 B987BE

 B774BE

 BB9ABE

 B661BE

 BCADBE

 B44EBE

 BEC0BE

 B23BBE

 C0D3BE

 B028BE

 C2E6BE

 AF15BE

 C3F9BE

 AD02BE

 C5FFBE

 AD00BE

 C7FFBE

 C9FFBE

Harmonies

Analogous

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



9192D2



B987BE



D080A0

Triad

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



B987BE



B39459



08A8B0

Complementary

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



B987BE



8CBE87

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.



44A890



B987BE



939E5D

Square

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



B987BE



CA8966



6FA571



1DA5CA

Rectangle

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



B987BE



D57F8B



6FA571



20A9A5

Sweetspot

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



B987BE



F5E1F7



878DBE



7C6F7D



FCFCFC



7D7D7D

Same Dimension

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



B987BE



EFA1F7



BE87A8



5D555E



90009E



1C001F

Inverse Universe

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



BE878C



F7A1A9



87BE9D



5E5556



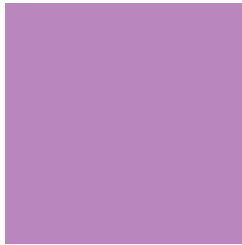
9E000E



1F0003

Previews

White Background



This preview shows how the Hex color B987BE looks on a white background.

Color Contrast Check

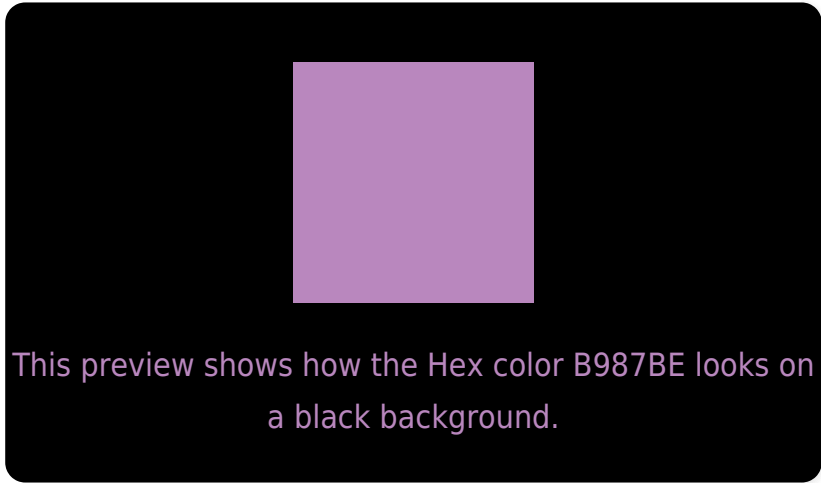
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

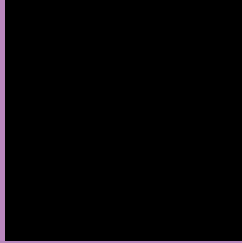
Any Text WCAG AA ✓ Pass

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 B987BE Background



This preview shows how black text looks on a background with the Hex color B987BE.

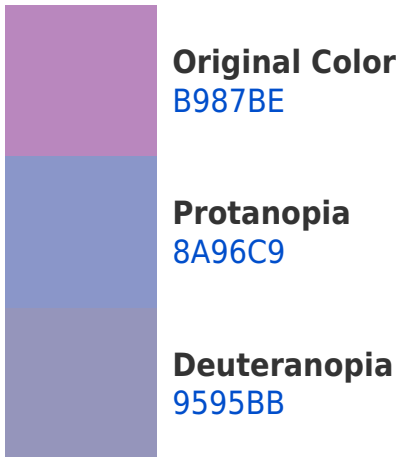


This preview shows how white text looks on a background with the Hex color B987BE.

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](#).

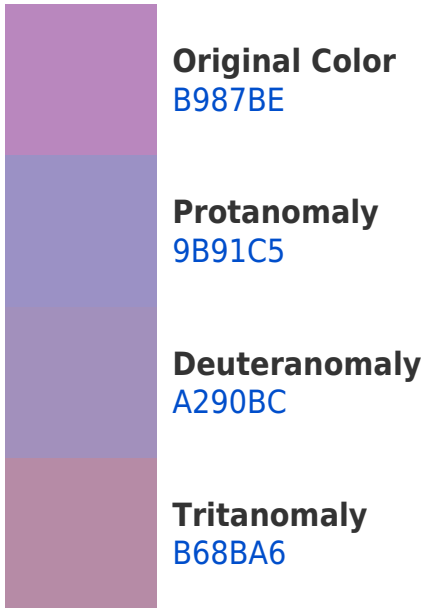
Dichromacy



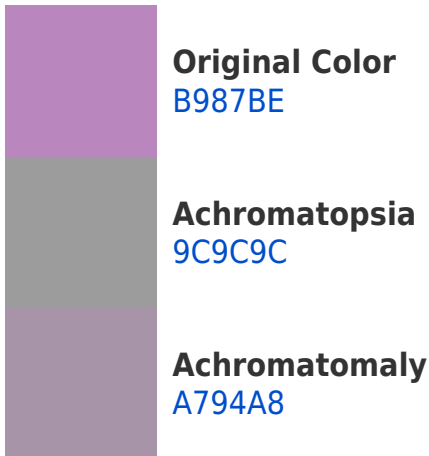


Tritanopia
B48E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B987BE 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 #B987BE looks like.

```
.text, #text, p{  
    color:#B987BE  
}
```

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 #B987BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B987BE
}
```

Border

The CSS property to change the border of an element to Hex B987BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

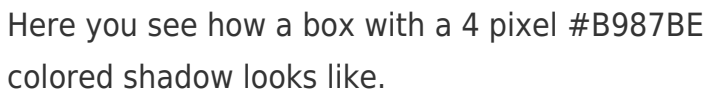
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B987BE }
```

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

```
.border{ border-color:#B987BE }
```

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



Here you see how a box with a 4 pixel #B987BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B987BE; -webkit-box-shadow:4px 4px  
4px 4px #B987BE; box-shadow:4px 4px 4px  
4px #B987BE }
```

Background

The CSS property to change the background color of an element to Hex B987BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B987BE }
```

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

```
.background{ background-color:#B987BE }
```

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