

Converting Colors

Hex(BB87CE)

Have a look what the booklet for
Hex(BB87CE) contains.

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Color

Hex(BB87CE)

Conversions

Conversions Part 1

Format	Color
Hex	BB87CE
RGB	187, 135, 206
RGB Percent	73%, 53%, 81%
CMY	0.2667, 0.4706, 0.1922
CMYK	0.09, 0.34, 0.00, 0.19
HSL	284°, 42%, 67%
HSV	284°, 34%, 81%
XYZ	40.2981, 32.3490, 62.5126
YIQ	158.6420, 8.2010, 33.1050

Conversions

Conversions Part 2

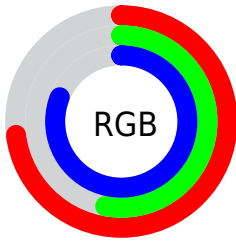
Format	Color
RYB	187, 135, 206
Decimal	12289998
CIELab	63.63, 32.39, -28.93
CIELCh	64, 43.430, 318.226
Yxy	32.3490, 0.2982, 0.2393
Android (android.graphics.Color)	4290480078 (0xFFBB87CE)
YUV	158.6420, 23.3475, 24.8700
Hunter-Lab	56.8762, 26.9381, -25.3523

Details

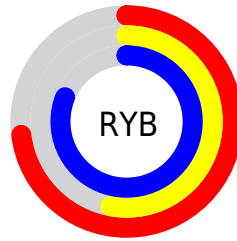
The Hex color **BB87CE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9ACE87**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **F4BDFF**, and **855497** is the 20% darker color. If you saturate the color by 10%, you get **B572CE**, and if you desaturate by 10%, it is **C19CCE**.

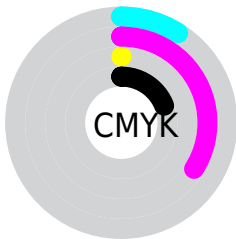
Distribution



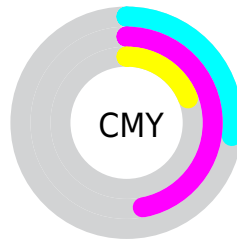
- Red (73%)
- Green (53%)
- Blue (81%)



- Red (73%)
- Yellow (53%)
- Blue (81%)



- Cyan (9%)
- Magenta (34%)
- Yellow (0%)
- Black (19%)



- Cyan (27%)
- Magenta (47%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB87CE 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 BB87CE by changing the saturation by 10% instead.

 BB87CE

 BB87CE

FFFFFF

 9F6DB2

 F4BDFE

 855497

 FFD9FF

 6B3C7D

 FFF6FF

 512564

 390D4C

 230035

 00001F

 000002

 000000

 BB87CE

 BB87CE

 B572CE

 C19CCE

 B05ECE

 C6B0CE

 AA49CE

 CCC5CE

 A535CE

 D1D9CE

 9F20CE

 D7EECE

 9A0BCE

 DCFFCE

 9700CE

 E2FFCE

 E7FFCE

 EDFFCE

Harmonies

Analogous

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



8596E4



BB87CE



DB7CAB

Triad

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



BB87CE



BF934D



00AEB1

Complementary

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



BB87CE



9ACE87

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.



30AD89



BB87CE



9A9F4E

Square

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



BB87CE



D98562



6EA865



00ABD3

Rectangle

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



BB87CE



E37A91



6EA865



00AEA4

Sweetspot

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



BB87CE



F8E6FF



879BCE



7B7080



000000



808080

Same Dimension

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



BB87CE



E396FF



CE87BF



635C66



7900A6



1C0026

Inverse Universe

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



CE879A



FF96B2



87CE96



665C5F



A6002C



26000A

Previews

White Background



This preview shows how the Hex color BB87CE looks on a white background.

Color Contrast Check

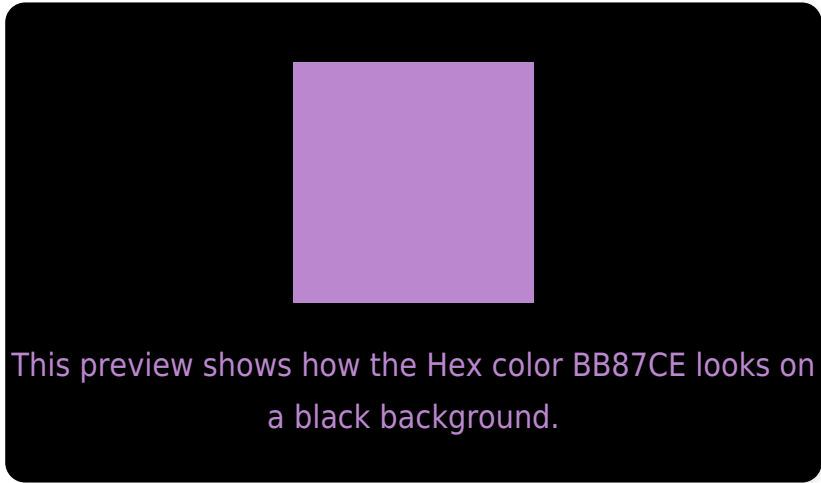
Large Text (above 18pt) WCAG AA × Fail

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

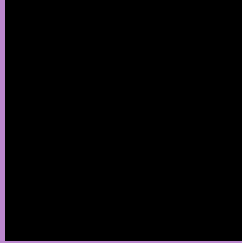
Any Text WCAG AA ✓ Pass

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 BB87CE Background



This preview shows how black text looks on a background with the Hex color BB87CE.




This preview shows how white text looks on a background with the Hex color BB87CE.

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](#).

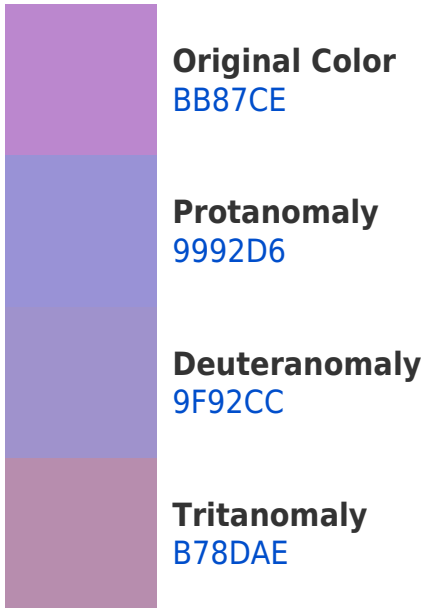
Dichromacy



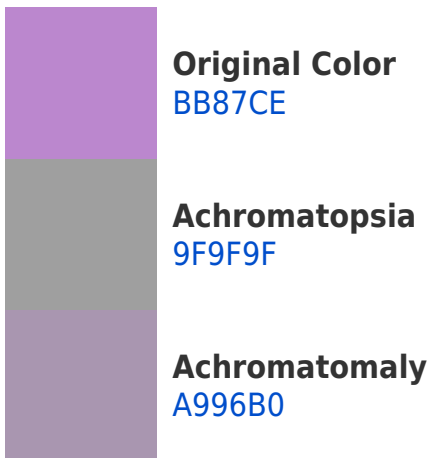


Tritanopia
B4919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB87CE 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 #BB87CE looks like.

```
.text, #text, p{  
    color:#BB87CE  
}
```

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 #BB87CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB87CE
}
```

Border

The CSS property to change the border of an element to Hex BB87CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

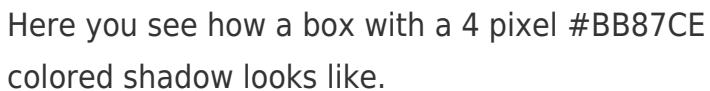
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB87CE }
```

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

```
.border{ border-color:#BB87CE }
```

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



Here you see how a box with a 4 pixel #BB87CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB87CE; -webkit-box-shadow:4px 4px  
4px 4px #BB87CE; box-shadow:4px 4px 4px  
4px #BB87CE }
```

Background

The CSS property to change the background color of an element to Hex BB87CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB87CE }
```

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

```
.background{ background-color:#BB87CE }
```

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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