

Converting Colors

Hex(BF87CC)

Have a look what the booklet for
Hex(BF87CC) contains.

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Color

Hex(BF87CC)

Conversions

Conversions Part 1

Format	Color
Hex	BF87CC
RGB	191, 135, 204
RGB Percent	75%, 53%, 80%
CMY	0.2510, 0.4706, 0.2000
CMYK	0.06, 0.34, 0.00, 0.20
HSL	289°, 40%, 66%
HSV	289°, 34%, 80%
XYZ	41.0489, 32.7639, 61.2873
YIQ	159.6100, 11.2270, 33.3310

Conversions

Conversions Part 2

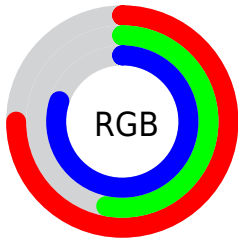
Format	Color
RYB	191, 135, 204
Decimal	12552140
CIELab	63.97, 33.25, -27.25
CIELCh	64, 42.990, 320.655
Yxy	32.7639, 0.3038, 0.2425
Android (android.graphics.Color)	4290742220 (0xFFBF87CC)
YUV	159.6100, 21.8843, 27.5290
Hunter-Lab	57.2398, 27.8397, -23.4146

Details

The Hex color **BF87CC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **94CC87**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **F8BDFF**, and **885496** is the 20% darker color. If you saturate the color by 10%, you get **BB73CC**, and if you desaturate by 10%, it is **C39BCC**.

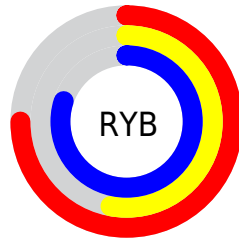
Distribution



Red (75%)

Green (53%)

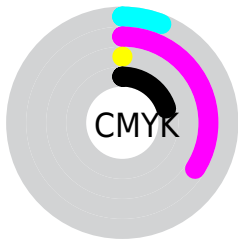
Blue (80%)



Red (75%)

Yellow (53%)

Blue (80%)

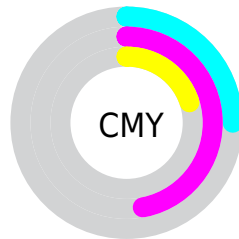


Cyan (6%)

Magenta (34%)

Yellow (0%)

Black (20%)



Cyan (25%)

Magenta (47%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color BF87CC 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 BF87CC by changing the saturation by 10% instead.

 BF87CC

 BF87CC

FFFFFF

 A36DB0

 F8BDFE

 885496

 FFD9FF

 6E3C7C

 FFF6FF

 552462

 3C0C4A

 260033

 00001E

 000000

 BF87CC

 BF87CC

 BB73CC

 C39BCC

 B75ECC

 C7B0CC

 B34ACC

 CBC4CC

 B035CC

 CED9CC

 AC21CC

 D2EDCC

 A80DCC

 D6FFCC

 A600CC

 DAFFCC

 DEFFCC

 E2FFCC

Harmonies

Analogous

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



8C96E3



BF87CC



DD7DA9

Triad

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



BF87CC



BD954E



00AFB5

Complementary

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



BF87CC



94CC87

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.



2CAE8D



BF87CC



98A151

Square

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



BF87CC



D88761



6CAA69



00ABD5

Rectangle

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



BF87CC



E47C8F



6CAA69



00AFA8

Sweetspot

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



BF87CC



FAE6FF



8795CC



7D7080



000000



808080

Same Dimension

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



BF87CC



EB96FF



CC87B7



645C66



8700A6



1F0026

Inverse Universe

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



CC8794



FF96AA



87CC9C



665C5E



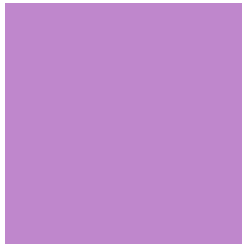
A6001F



260007

Previews

White Background



This preview shows how the Hex color BF87CC looks on a white background.

Color Contrast Check

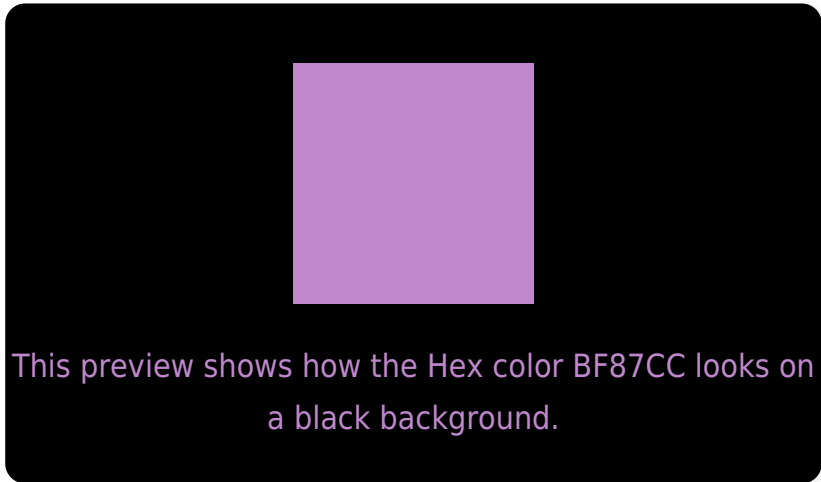
Large Text (above 18pt) WCAG AA × Fail

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

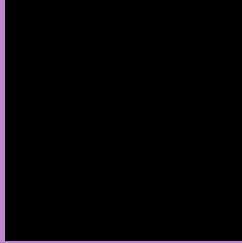
Any Text WCAG AA ✓ Pass

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 BF87CC Background



This preview shows how black text looks on a background with the Hex color BF87CC.

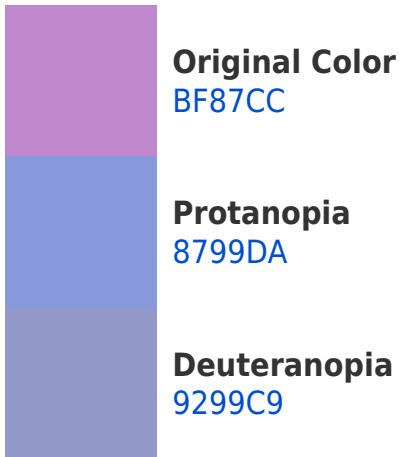



This preview shows how white text looks on a background with the Hex color BF87CC.

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](#).

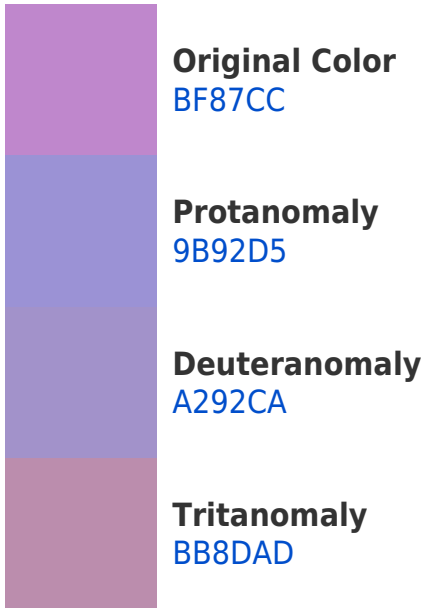
Dichromacy



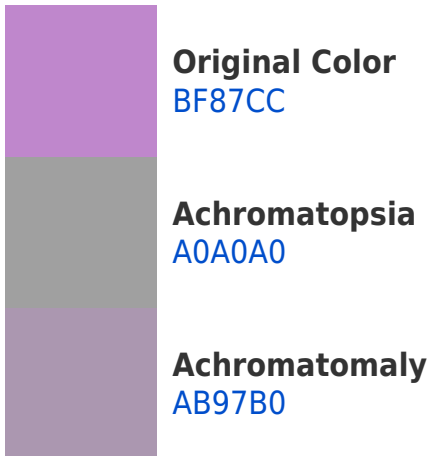


Tritanopia
B8919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BF87CC 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 #BF87CC looks like.

```
.text, #text, p{  
    color:#BF87CC  
}
```

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 #BF87CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF87CC
}
```

Border

The CSS property to change the border of an element to Hex BF87CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

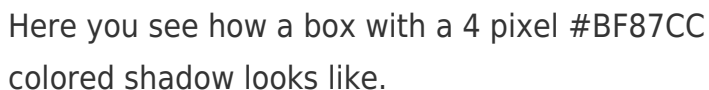
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF87CC }
```

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

```
.border{ border-color:#BF87CC }
```

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



Here you see how a box with a 4 pixel `#BF87CC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF87CC; -webkit-box-shadow:4px 4px  
4px 4px #BF87CC; box-shadow:4px 4px 4px  
4px #BF87CC }
```

Background

The CSS property to change the background color of an element to Hex BF87CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF87CC }
```

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

```
.background{ background-color:#BF87CC }
```

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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