

Converting Colors

Hex(BB80DD)

Have a look what the booklet for
Hex(BB80DD) contains.

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Color

Hex(BB80DD)

Conversions

Conversions Part 1

Format	Color
Hex	BB80DD
RGB	187, 128, 221
RGB Percent	73%, 50%, 87%
CMY	0.2667, 0.4980, 0.1333
CMYK	0.15, 0.42, 0.00, 0.13
HSL	278°, 58%, 68%
HSV	278°, 42%, 87%
XYZ	41.2638, 31.2236, 72.2585
YIQ	156.2430, 5.3110, 41.4310

Conversions

Conversions Part 2

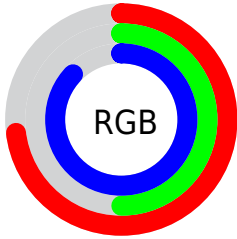
Format	Color
RYB	187, 128, 221
Decimal	12288221
CIELab	62.70, 39.39, -38.77
CIELCh	63, 55.270, 315.458
Yxy	31.2236, 0.2851, 0.2157
Android (android.graphics.Color)	4290478301 (0xFFBB80DD)
YUV	156.2430, 31.9252, 26.9739
Hunter-Lab	55.8781, 34.0288, -37.5560

Details

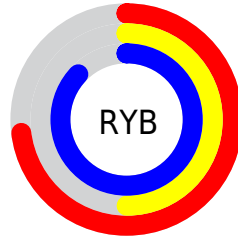
The Hex color **BB80DD** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A2DD80**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **F4B6FF**, and **844DA5** is the 20% darker color. If you saturate the color by 10%, you get **B36ADD**, and if you desaturate by 10%, it is **C396DD**.

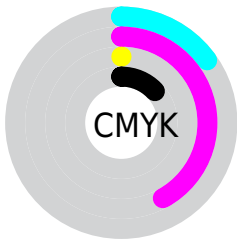
Distribution



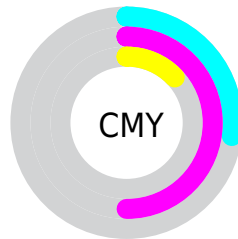
- Red (73%)
- Green (50%)
- Blue (87%)



- Red (73%)
- Yellow (50%)
- Blue (87%)



- Cyan (15%)
- Magenta (42%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (50%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB80DD 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 BB80DD by changing the saturation by 10% instead.

 BB80DD

 BB80DD

FFFFFF

 9F66C1

 F4B6FF

 844DA5

 FFD2FF

 69358B

 FFEEFF

 501C71

 360158

 1F0040

 000029

 000113

 000000

 BB80DD

 BB80DD

 B36ADD

 C396DD

 AB54DD

 CBACDD

 A33EDD

 D3C2DD

 9B28DD

 DBD8DD

 9311DD

 E3EFDD

 8C00DD

 EBFFDD

 F4FFDD

 FCFFDD

 FFFFDD

Harmonies

Analogous

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



6E94F6



BB80DD



E56FB2

Triad

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



BB80DD



C68D34



00B0B0

Complementary

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



BB80DD



A2DD80

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.



00AE7D



BB80DD



9A9D31

Square

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



BB80DD



E67A54



62A84F



00ADDD

Rectangle

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



BB80DD



F16B91



62A84F



00B09F

Sweetspot

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



BB80DD



F3DEFF



80A2DD



786B80



000000



808080

Same Dimension

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



BB80DD



D080FF



DD80D1



6A636E



6E00AD



1D002E

Inverse Universe

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



DD80A2



FF80AE



80DD8C



6E6367



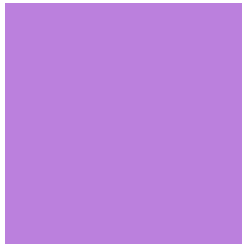
AD003F



2E0011

Previews

White Background



This preview shows how the Hex color BB80DD looks on a white background.

Color Contrast Check

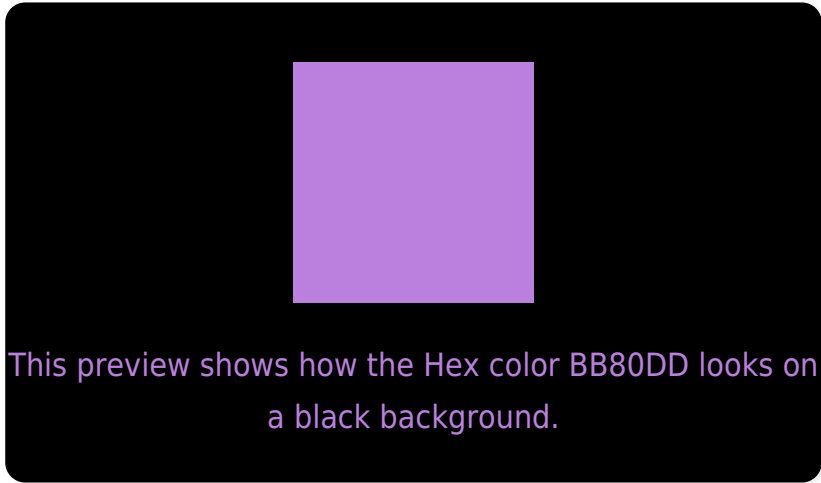
Large Text (above 18pt) WCAG AA × Fail

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

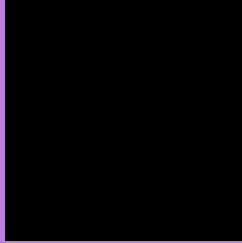
Any Text WCAG AA ✓ Pass

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 BB80DD Background



This preview shows how black text looks on a background with the Hex color BB80DD.

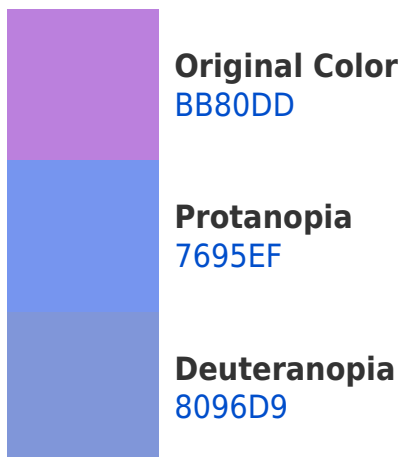


This preview shows how white text looks on a background with the Hex color BB80DD.

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](#).

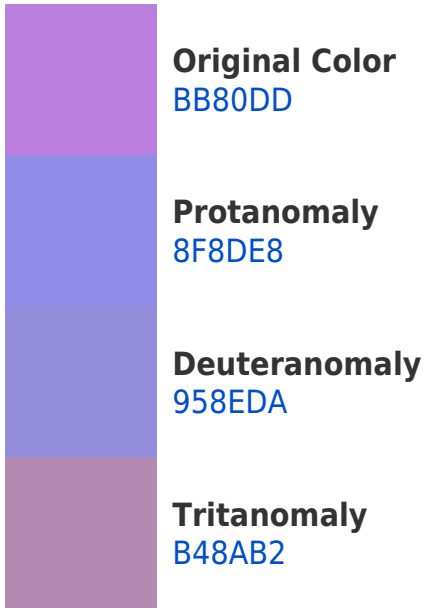
Dichromacy



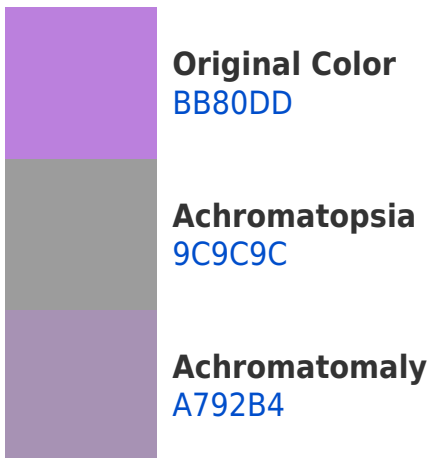


Tritanopia
B08F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB80DD 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 #BB80DD looks like.

```
.text, #text, p{  
    color:#BB80DD  
}
```

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 #BB80DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB80DD
}
```

Border

The CSS property to change the border of an element to Hex BB80DD 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
#BB80DD }
```

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

```
.border{ border-color:#BB80DD }
```

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

Here you see how a box with a 4 pixel #BB80DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB80DD; -webkit-box-shadow:4px 4px  
4px 4px #BB80DD; box-shadow:4px 4px 4px  
4px #BB80DD }
```

Background

The CSS property to change the background color of an element to Hex BB80DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB80DD }
```

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

```
.background{ background-color:#BB80DD }
```

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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