

# Converting Colors

Hex(BE88DD)

Have a look what the booklet for  
Hex(BE88DD) contains.

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# Color

Hex(**BE88DD**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE88DD
RGB	190, 136, 221
RGB Percent	75%, 53%, 87%
CMY	0.2549, 0.4667, 0.1333
CMYK	0.14, 0.38, 0.00, 0.13
HSL	278°, 56%, 70%
HSV	278°, 38%, 87%
XYZ	43.0905, 33.7759, 72.6549
YIQ	161.8360, 4.8990, 37.8830

# Conversions

## Conversions Part 2

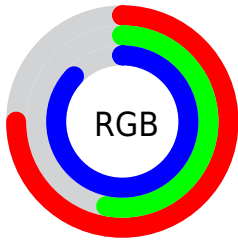
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	190, 136, 221
Decimal	12486877
CIE <sub>Lab</sub>	64.78, 35.90, -35.49
CIE <sub>LCh</sub>	65, 50.477, 315.331
Yxy	33.7759, 0.2882, 0.2259
Android (android.graphics.Color)	4290676957 (0xFFBE88DD)
YUV	161.8360, 29.1679, 24.6998
Hunter-Lab	58.1171, 30.6428, -33.4393

# Details

The Hex color **BE88DD** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A7DD88**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **F7BEFF**, and **8755A6** is the 20% darker color. If you saturate the color by 10%, you get **B672DD**, and if you desaturate by 10%, it is **C69EDD**.

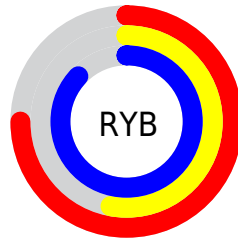
# Distribution



Red (75%)

Green (53%)

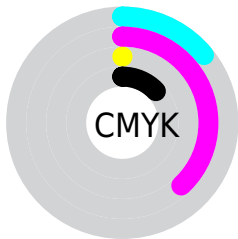
Blue (87%)



Red (75%)

Yellow (53%)

Blue (87%)

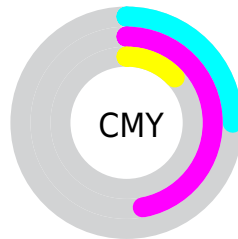


Cyan (14%)

Magenta (38%)

Yellow (0%)

Black (13%)



Cyan (25%)

Magenta (47%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE88DD 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 BE88DD by changing the saturation by 10% instead.



 BE88DD

 BE88DD

FFFFFF

 A26EC1

 F7BEFF

 8755A6

 FFDAFF

 6D3D8B

 FFF7FF

 532571

 3A0C58

 220040

 00002A

 000114

 000000

 BE88DD

 BE88DD

 B672DD

 C69EDD

 AE5CDD

 CEB4DD

 A646DD

 D6CADD

 9E30DD

 DEE0DD

 9619DD

 E6F7DD

 8E03DD

 EEFFDD

 8C00DD

 F6FFDD

 FEFFDD

 FFFFDD

# Harmonies

## Analogous

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



7A9AF4



BE88DD



E579B5

# Triad

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



BE88DD



CA9344



00B4B4

# Complementary

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



BE88DD



A7DD88

# 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.



0FB285



BE88DD



A1A242

# Square

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



BE88DD



E7825F



6EAD5B



00B1DC

# Rectangle

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



BE88DD



F07697



6EAD5B



00B4A4



# Sweetspot

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



BE88DD



F4E0FF



88A7DD



796E80



000000



808080



# Same Dimension

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



BE88DD



D48AFF



DD88D2



6A636E



6E00AD



1D002E



# Inverse Universe

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



DD88A7



FF8AB4



88DD93



6E6367



AD003F

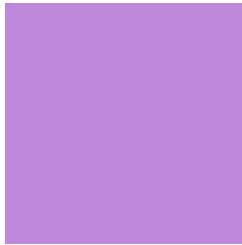


2E0011



# Previews

## White Background



This preview shows how the Hex color BE88DD looks on a white background.

## Color Contrast Check

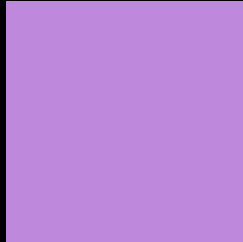
Large Text (above 18pt) WCAG AA × Fail

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 BE88DD 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 BE88DD Background



This preview shows how black text looks on a background with the Hex color BE88DD.

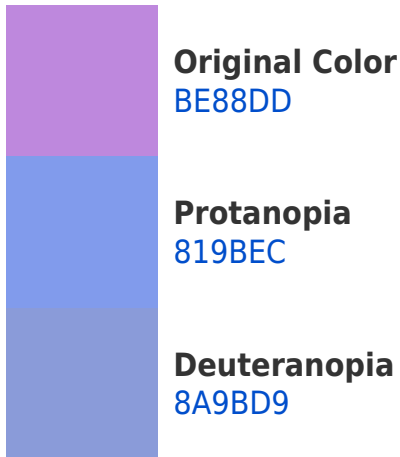


This preview shows how white text looks on a background with the Hex color BE88DD.

# 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**  
B595A0

# Trichromacy



**Original Color**  
BE88DD



**Protanomaly**  
9794E7



**Deuteranomaly**  
9D94DA



**Tritanomaly**  
B890B6

# Monochromacy



**Original Color**  
BE88DD



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
AC99B7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE88DD 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 #BE88DD looks like.

```
.text, #text, p{  
    color:#BE88DD  
}
```

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 #BE88DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE88DD
}
```

## Border

The CSS property to change the border of an element to Hex BE88DD 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
#BE88DD }
```

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

```
.border{ border-color:#BE88DD }
```

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

Here you see how a box with a 4 pixel #BE88DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE88DD; -webkit-box-shadow:4px 4px  
4px 4px #BE88DD; box-shadow:4px 4px 4px  
4px #BE88DD }
```

# Background

The CSS property to change the background color of an element to Hex BE88DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE88DD }
```

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

```
.background{ background-color:#BE88DD }
```

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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