

# Converting Colors

Hex(B866EA)

Have a look what the booklet for  
Hex(B866EA) contains.

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**Color**

**Hex(B866EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B866EA
RGB	184, 102, 234
RGB Percent	72%, 40%, 92%
CMY	0.2784, 0.6000, 0.0824
CMYK	0.21, 0.56, 0.00, 0.08
HSL	277°, 76%, 66%
HSV	277°, 56%, 92%
XYZ	39.3698, 25.6336, 80.7147
YIQ	141.5660, 6.5000, 58.4360

# Conversions

## Conversions Part 2

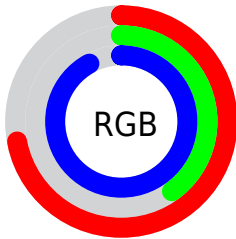
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 102, 234
Decimal	12084970
CIELab	57.69, 55.10, -53.96
CIELCh	58, 77.118, 315.598
Yxy	25.6336, 0.2702, 0.1759
Android (android.graphics.Color)	4290275050 (0xFFB866EA)
YUV	141.5660, 45.5700, 37.2146
Hunter-Lab	50.6296, 50.2005, -59.0804

# Details

The Hex color **B866EA** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **98EA66**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **F39CFF**, and **7F31B1** is the 20% darker color. If you saturate the color by 10%, you get **AF4FEA**, and if you desaturate by 10%, it is **C17DEA**.

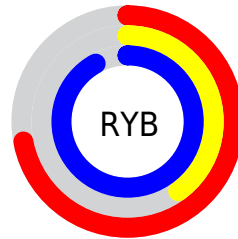
# Distribution



Red (72%)

Green (40%)

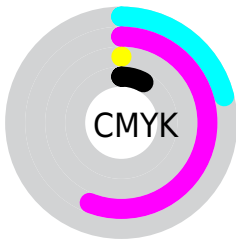
Blue (92%)



Red (72%)

Yellow (40%)

Blue (92%)

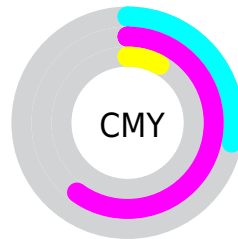


Cyan (21%)

Magenta (56%)

Yellow (0%)

Black (8%)



Cyan (28%)

Magenta (60%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B866EA 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 B866EA by changing the saturation by 10% instead.



 B866EA

 B866EA

FFFFFF

 9B4CCD

 F39CFF

 7F31B1

 FFB8FF

 641296

 FFD4FF

 48007C

 FFF1FF

 2C0062

 0F004A

 000332

 00011C

 000000

 B866EA

 B866EA

 AF4FEA

 C17DEA

 A637EA

 CA95EA

 9D20EA

 D3ACEA

 9508EA

 DBC4EA

 9100EA

 E4DBEA

 EDF2EA

 F6FFEA

 FFFFEA

# Harmonies

## Analogous

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



1387FF



B866EA



F141AE

# Triad

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



B866EA



C27C00



00A8AD

# Complementary

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



B866EA



98EA66

# 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.



00A667



B866EA



879200

# Square

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



B866EA



ED5B2A



2CA01C



00A6EA

# Rectangle

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



B866EA



FF3781



2CA01C



00A896



# Sweetspot

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



B866EA



EFD4FF



6699EA



766680



000000



808080



# Same Dimension

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



B866EA



BD52FF



EA66DB



716A75



7000B5



210036



# Inverse Universe

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



EA6698



FF5293



66EA75



756A6E



B50045

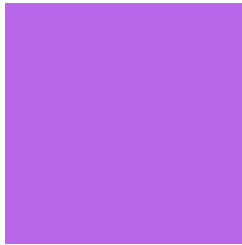


360014



# Previews

## White Background



This preview shows how the Hex color B866EA looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

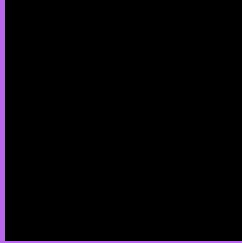
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B866EA Background



This preview shows how black text looks on a background with the Hex color B866EA.

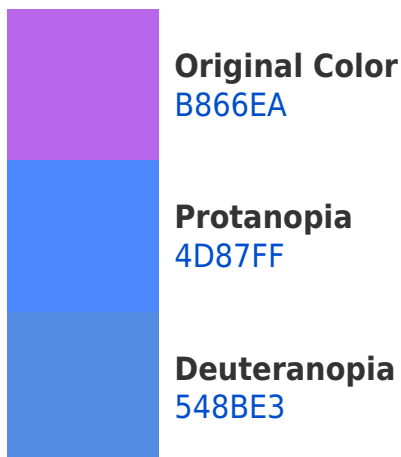


This preview shows how white text looks on a background with the Hex color B866EA.

# 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](#).

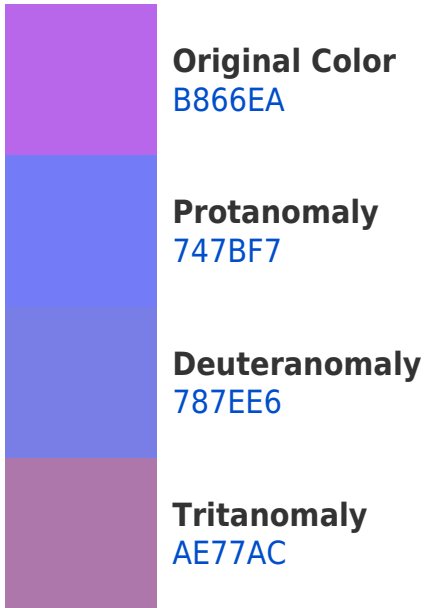
## Dichromacy





**Tritanopia**  
A88089

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B866EA 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 #B866EA looks like.

```
.text, #text, p{  
    color:#B866EA  
}
```

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 #B866EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B866EA
}
```

## Border

The CSS property to change the border of an element to Hex B866EA is called "border". The border property can be set on classes, ids or directly on the HTML element.

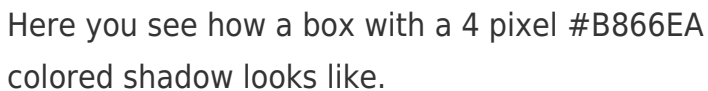
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B866EA }
```

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

```
.border{ border-color:#B866EA }
```

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



Here you see how a box with a 4 pixel #B866EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B866EA; -webkit-box-shadow:4px 4px  
4px 4px #B866EA; box-shadow:4px 4px 4px  
4px #B866EA }
```

# Background

The CSS property to change the background color of an element to Hex B866EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B866EA }
```

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

```
.background{ background-color:#B866EA }
```

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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