

# Converting Colors

Hex(BE6FCE)

Have a look what the booklet for  
Hex(BE6FCE) contains.

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# Color

Hex(**BE6FCE**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE6FCE
RGB	190, 111, 206
RGB Percent	75%, 44%, 81%
CMY	0.2549, 0.5647, 0.1922
CMYK	0.08, 0.46, 0.00, 0.19
HSL	290°, 49%, 62%
HSV	290°, 46%, 81%
XYZ	38.0602, 26.7723, 61.5541
YIQ	145.4510, 16.5890, 46.2930

# Conversions

## Conversions Part 2

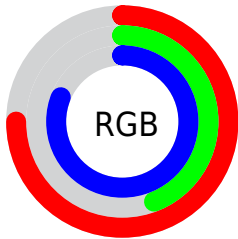
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	190, 111, 206
Decimal	12480462
CIE Lab	58.76, 46.28, -36.47
CIE LCh	59, 58.925, 321.762
Yxy	26.7723, 0.3011, 0.2118
Android (android.graphics.Color)	4290670542 (0xFFBE6FCE)
YUV	145.4510, 29.8507, 39.0695
Hunter-Lab	51.7419, 40.7523, -34.3142

# Details

The Hex color **BE6FCE** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7FCE6F**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **F8A5FF**, and **873B97** is the 20% darker color. If you saturate the color by 10%, you get **BB5ACE**, and if you desaturate by 10%, it is **C184CE**.

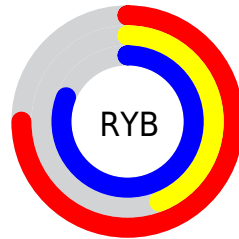
# Distribution



Red (75%)

Green (44%)

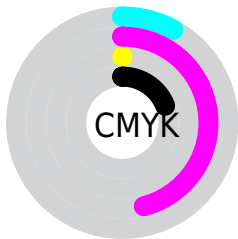
Blue (81%)



Red (75%)

Yellow (44%)

Blue (81%)

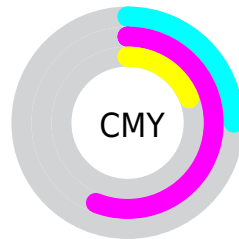


Cyan (8%)

Magenta (46%)

Yellow (0%)

Black (19%)



Cyan (25%)

Magenta (56%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE6FCE 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 BE6FCE by changing the saturation by 10% instead.



 BE6FCE

 BE6FCE

FFFFFF

 A255B2

 F8A5FF

 873B97

 FFC1FF

 6C217D


 FFDDFF

 520064

 FFFAFF

 38004B

 230034

 00021E

 000000

 BE6FCE

 BE6FCE

 BB5ACE

 C184CE

 B746CE

 C598CE

 B431CE

 C8ADCE

 B01DCE

 CCC1CE

 AD08CE

 CFD6CE

 AB00CE

 D3EBCE

 D6FFCE

 DAFFCE

 DDFfce

# Harmonies

## Analogous

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



7386EE



BE6FCE



E35E9E

# Triad

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



BE6FCE



B4861C



00A6B2

# Complementary

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



BE6FCE



7FCE6F

# 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.



00A57D



BE6FCE



839621

# Square

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



BE6FCE



D8713D



41A04A



00A2DE

# Rectangle

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



BE6FCE



EB5C7B



41A04A



00A6A1



# Sweetspot

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



BE6FCE



F9DBFF



6F80CE



7C6A80



000000



808080



# Same Dimension

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



BE6FCE



E773FF



CE6FB0



645C66



8A00A6



200026



# Inverse Universe

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



CE6F7F



FF738A



6FCE8D



665C5E



A6001C



260006



# Previews

## White Background



This preview shows how the Hex color BE6FCE looks on a white background.

## Color Contrast Check

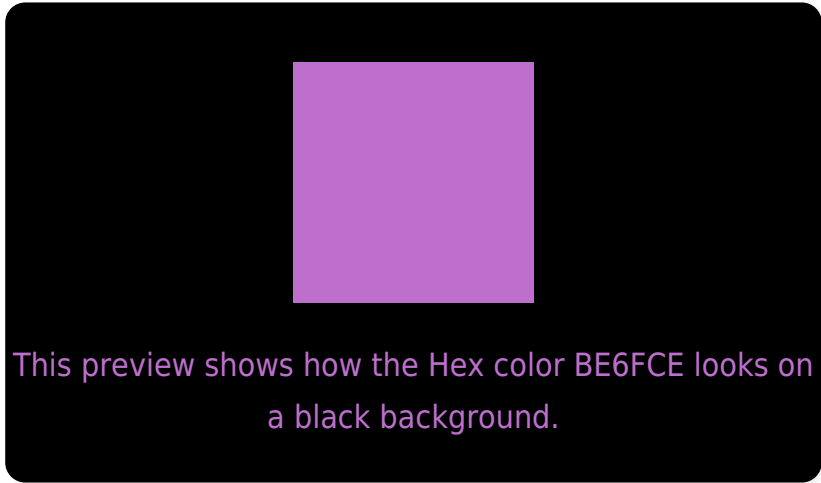
Large Text (above 18pt) WCAG AA ✓ Pass

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

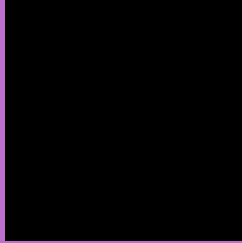
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BE6FCE Background



This preview shows how black text looks on a background with the Hex color BE6FCE.

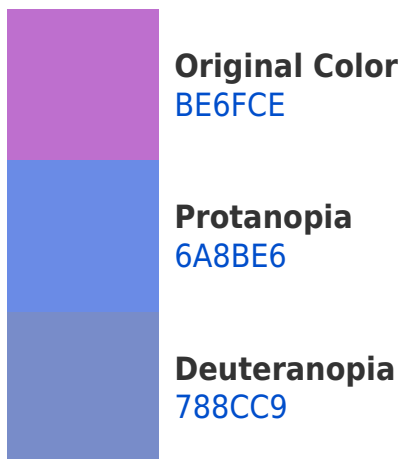


This preview shows how white text looks on a background with the Hex color BE6FCE.

# 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](#).

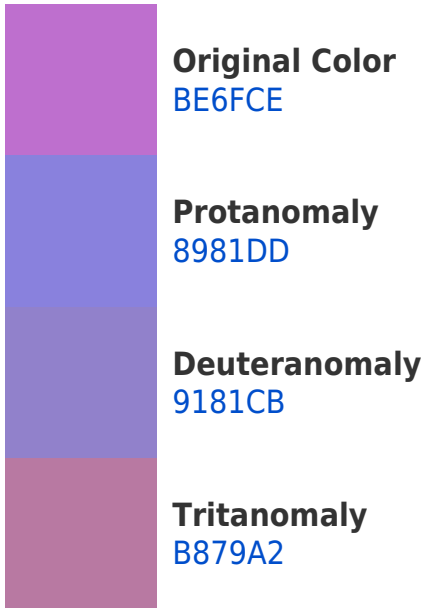
## Dichromacy



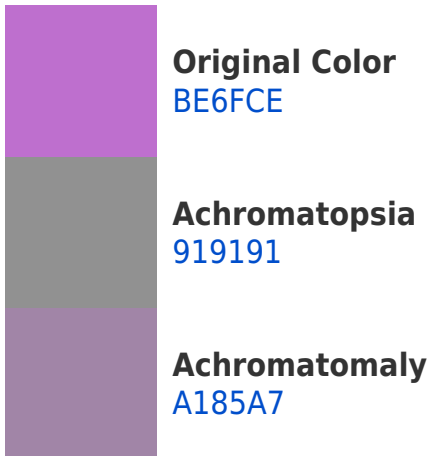


**Tritanopia**  
B47F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE6FCE 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 #BE6FCE looks like.

```
.text, #text, p{  
    color:#BE6FCE  
}
```

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 #BE6FCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE6FCE
}
```

## Border

The CSS property to change the border of an element to Hex BE6FCE is called "border". The border property can be set on classes, ids or directly on the HTML element.

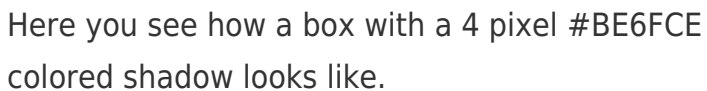
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE6FCE }
```

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

```
.border{ border-color:#BE6FCE }
```

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



Here you see how a box with a 4 pixel `#BE6FCE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE6FCE; -webkit-box-shadow:4px 4px  
4px 4px #BE6FCE; box-shadow:4px 4px 4px  
4px #BE6FCE }
```

# Background

The CSS property to change the background color of an element to Hex BE6FCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE6FCE }
```

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

```
.background{ background-color:#BE6FCE }
```

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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