

# Converting Colors

Hex(BE5FFB)

Have a look what the booklet for  
Hex(BE5FFB) contains.

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# Color

Hex(BE5FFB)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE5FFB
RGB	190, 95, 251
RGB Percent	75%, 37%, 98%
CMY	0.2549, 0.6275, 0.0157
CMYK	0.24, 0.62, 0.00, 0.02
HSL	277°, 95%, 68%
HSV	277°, 62%, 98%
XYZ	42.7400, 26.0966, 94.0513
YIQ	141.1890, 6.5440, 68.6560

# Conversions

## Conversions Part 2

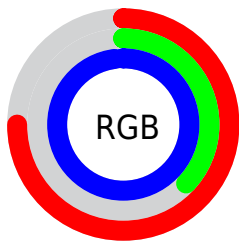
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 95, 251
Decimal	12476411
CIE <sub>Lab</sub>	58.13, 63.54, -62.66
CIE <sub>LCh</sub>	58, 89.243, 315.398
Yxy	26.0966, 0.2624, 0.1602
Android (android.graphics.Color)	4290666491 (0xFFBE5FFB)
YUV	141.1890, 54.1368, 42.8072
Hunter-Lab	51.0848, 59.9431, -73.3983

# Details

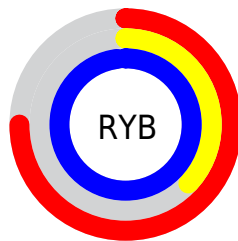
The Hex color **BE5FFB** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **9CFB5F**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FA96FF**, and **8426C2** is the 20% darker color. If you saturate the color by 10%, you get **B446FB**, and if you desaturate by 10%, it is **C878FB**.

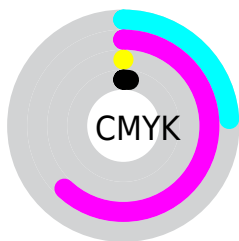
# Distribution



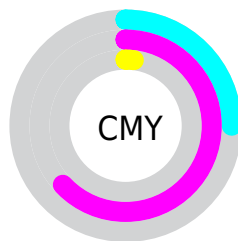
- Red (75%)
- Green (37%)
- Blue (98%)



- Red (75%)
- Yellow (37%)
- Blue (98%)



- Cyan (24%)
- Magenta (62%)
- Yellow (0%)
- Black (2%)



- Cyan (25%)
- Magenta (63%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE5FFB 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 BE5FFB by changing the saturation by 10% instead.



 BE5FFB

 BE5FFB

FFFFFF

 A143DE

 FA96FF

 8426C2

 FFB2FF

 6700A6

 FFCFFF

 4B008B

 FFECFF

 2C0070

 090057

 00003F

 000328

 000111

 BE5FFB

 BE5FFB

 B446FB

 C878FB

 AA2DFB

 D291FB

 A114FB

 DBAAFb

 9900FB

 E5C3FB

 EFDCFB

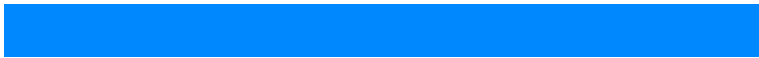
 F9F6FB

 FFFFFB

# Harmonies

## Analogous

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



008FF



BE5FFB



FF22B5

# Triad

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



BE5FFB



C87A00



00ADB3

# Complementary

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



BE5FFB



9CFB5F

# 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.



00AA61



BE5FFB



849500

# Square

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



BE5FFB



FA5017



00A300



00AAFB

# Rectangle

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



BE5FFB



FF0081



00A300



00AC98



# Sweetspot

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



BE5FFB



ECCFFF



5F9DFB



746280



000000



808080



# Same Dimension

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



BE5FFB



B440FF



FB5FEB



78707D



7300BD



25003D



# Inverse Universe

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



FB5F9C



FF408B



5FFB6F



7D7075



BD004A

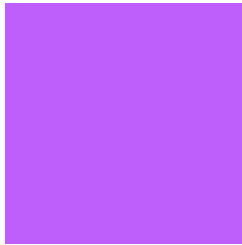


3D0018



# Previews

## White Background



This preview shows how the Hex color BE5FFB looks on a white background.

## Color Contrast Check

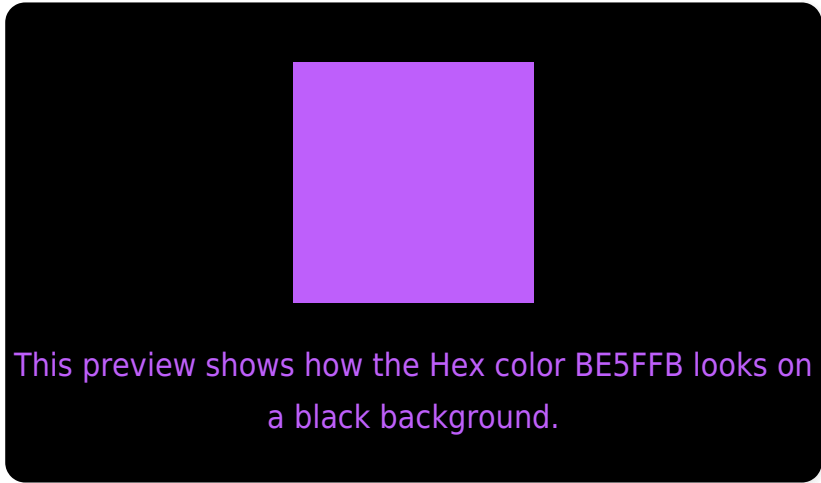
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE5FFB Background



This preview shows how black text looks on a background with the Hex color BE5FFB.




This preview shows how white text looks on a background with the Hex color BE5FFB.

# 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](#).

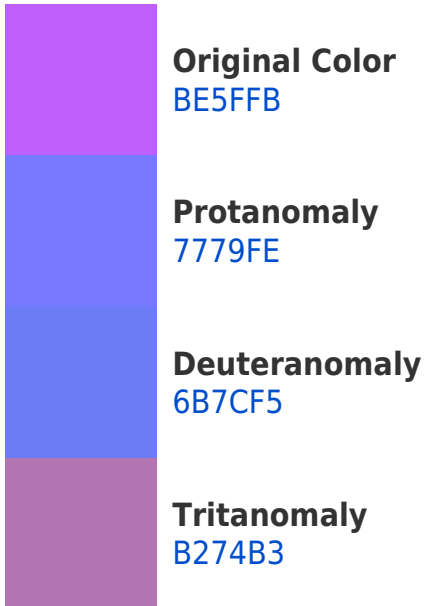
## Dichromacy



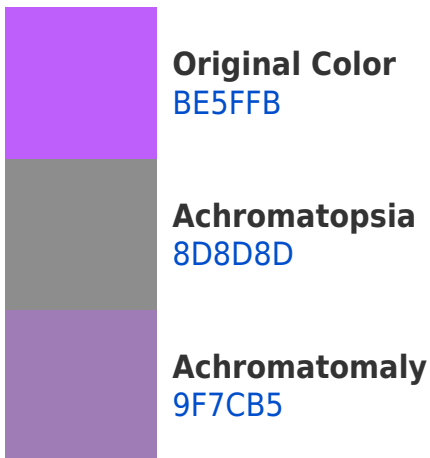


**Tritanopia**  
AB808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE5FFB 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 #BE5FFB looks like.

```
.text, #text, p{  
  color:#BE5FFB  
}
```

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 #BE5FFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE5FFB
}
```

## Border

The CSS property to change the border of an element to Hex BE5FFB 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
#BE5FFB }
```

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

```
.border{ border-color:#BE5FFB }
```

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

Here you see how a box with a 4 pixel #BE5FFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE5FFB; -webkit-box-shadow:4px 4px  
4px 4px #BE5FFB; box-shadow:4px 4px 4px  
4px #BE5FFB }
```

# Background

The CSS property to change the background color of an element to Hex BE5FFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE5FFB }
```

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

```
.background{ background-color:#BE5FFB }
```

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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