

# Converting Colors

Hex(BE85FF)

Have a look what the booklet for  
Hex(BE85FF) contains.

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# Color

Hex(**BE85FF**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BE85FF
RGB	190, 133, 255
RGB Percent	75%, 52%, 100%
CMY	0.2549, 0.4784, 0.0000
CMYK	0.25, 0.48, 0.00, 0.00
HSL	268°, 100%, 76%
HSV	268°, 48%, 100%
XYZ	47.6727, 34.9422, 98.8396
YIQ	163.9510, -5.1900, 50.0260

# Conversions

## Conversions Part 2

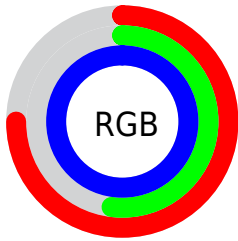
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 133, 255
Decimal	12486143
CIE <sub>Lab</sub>	65.70, 45.09, -52.78
CIE <sub>LCh</sub>	66, 69.423, 310.508
Yxy	34.9422, 0.2627, 0.1926
Android (android.graphics.Color)	4290676223 (0xFFBE85FF)
YUV	163.9510, 44.8872, 22.8450
Hunter-Lab	59.1119, 40.5112, -57.7590

# Details

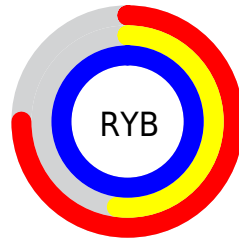
The Hex color **BE85FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C6FF85**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **F8BBFF**, and **8652C6** is the 20% darker color. If you saturate the color by 10%, you get **B06CFF**, and if you desaturate by 10%, it is **CC9FFF**.

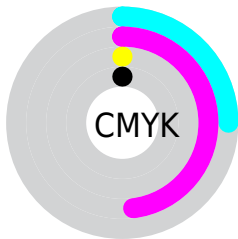
# Distribution



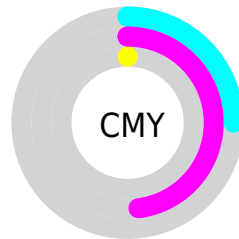
- Red (75%)
- Green (52%)
- Blue (100%)



- Red (75%)
- Yellow (52%)
- Blue (100%)



- Cyan (25%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (48%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE85FF 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 BE85FF by changing the saturation by 10% instead.



 BE85FF

 BE85FF

FFFFFF

 A26BE2

 F8BBFF

 8652C6

 FFD7FF

 6A39AA

 FFF4FF

 4E208F

 320475

 12005B

 000043

 00032C

 000116

 BE85FF

 BE85FF

 B06CFF

 CC9FFF

 A352FF

 D9B8FF

 9539FF

 E7D2FF

 881FFF

 F4EBFF

 7A06FF

FFFFFF

 7700FF

# Harmonies

## Analogous

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



37A0FF



BE85FF



FA6ACB

# Triad

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



BE85FF



DF8D1E



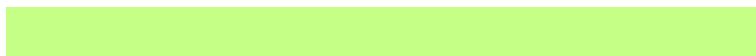
00BDB4

# Complementary

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



BE85FF



C6FF85

# 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.



00BA74



BE85FF



AAA401

# Square

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



BE85FF



FF7351



65B238



00BBEF

# Rectangle

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



BE85FF



FF61A1



65B238



00BC9F



# Sweetspot

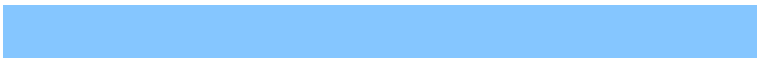
The Sweet Spot groups the original color and five complimentary colors.



BE85FF



ECDBFF



85C6FF



746A80



000000



808080



# Same Dimension

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



BE85FF



B26EFF



FB85FF



797380



5900BF



1E0040



# Inverse Universe

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



FF85C6



FF6EBB



89FF85



80737A



BF0066

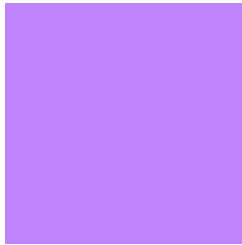


400022



# Previews

## White Background



This preview shows how the Hex color BE85FF looks on a white background.

## Color Contrast Check

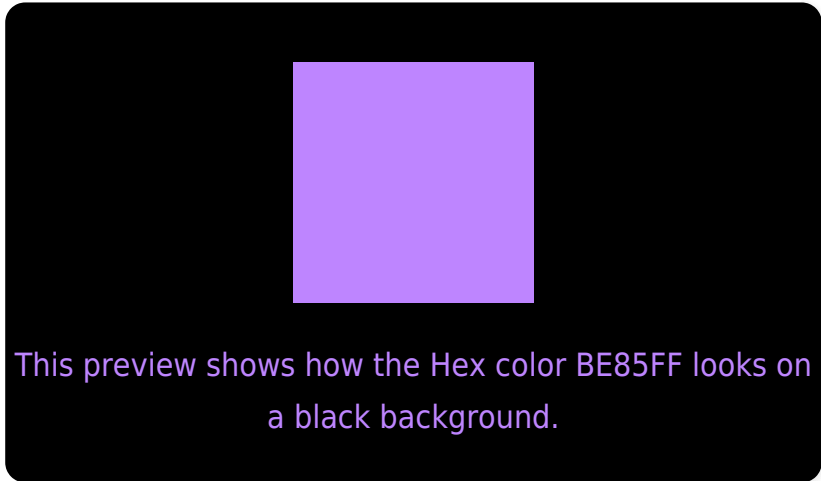
Large Text (above 18pt) WCAG AA × Fail

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 BE85FF Background



This preview shows how black text looks on a background with the Hex color BE85FF.

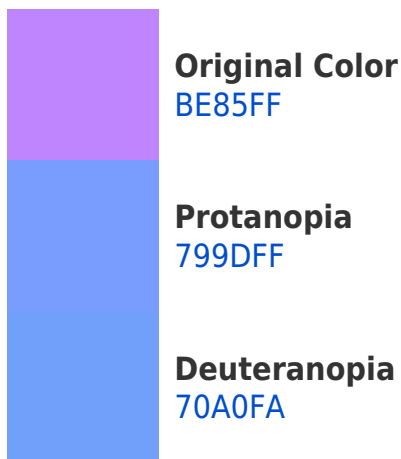



This preview shows how white text looks on a background with the Hex color BE85FF.

# 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](#).

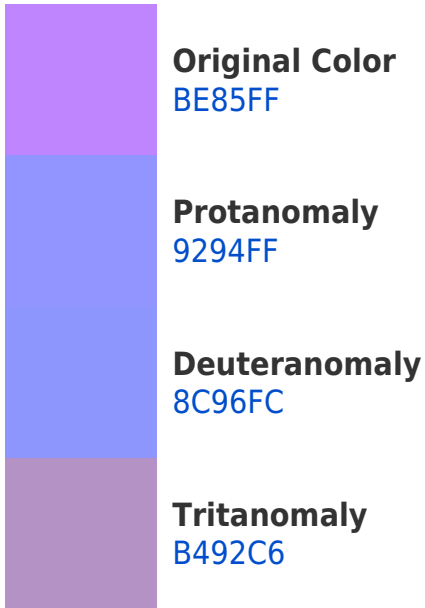
## Dichromacy



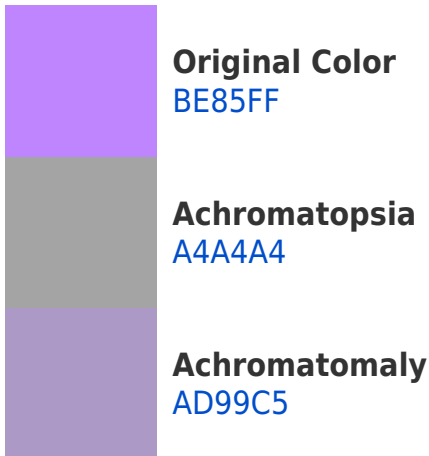


**Tritanopia**  
AE9AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE85FF 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 #BE85FF looks like.

```
.text, #text, p{  
    color:#BE85FF  
}
```

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 #BE85FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE85FF
}
```

## Border

The CSS property to change the border of an element to Hex BE85FF 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".

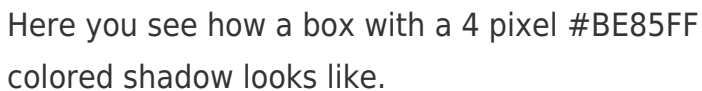
```
.border, #border, table{ border:4px solid
#BE85FF }
```

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

```
.border{ border-color:#BE85FF }
```

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

Here you see how a box with a 4 pixel #BE85FF colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is shadowed, creating a 3D effect. The shadow is a darker shade of purple.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE85FF; -webkit-box-shadow:4px 4px  
4px 4px #BE85FF; box-shadow:4px 4px 4px  
4px #BE85FF }
```

# Background

The CSS property to change the background color of an element to Hex BE85FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE85FF }
```

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

```
.background{ background-color:#BE85FF }
```

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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