

# Converting Colors

Hex(B485FF)

Have a look what the booklet for  
Hex(B485FF) contains.

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# **Color**

**Hex(B485FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B485FF
RGB	180, 133, 255
RGB Percent	71%, 52%, 100%
CMY	0.2941, 0.4784, 0.0000
CMYK	0.29, 0.48, 0.00, 0.00
HSL	263°, 100%, 76%
HSV	263°, 48%, 100%
XYZ	45.2599, 33.6984, 98.7267
YIQ	160.9610, -11.1500, 47.9060

# Conversions

## Conversions Part 2

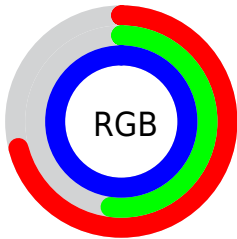
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 133, 255
Decimal	11830783
CIELab	64.72, 42.51, -54.40
CIELCh	65, 69.037, 308.002
Yxy	33.6984, 0.2547, 0.1897
Android (android.graphics.Color)	4290020863 (0xFFB485FF)
YUV	160.9610, 46.3612, 16.6972
Hunter-Lab	58.0503, 37.5826, -60.1999

# Details

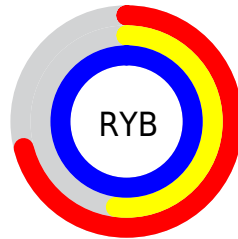
The Hex color **B485FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **D0FF85**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **EEBBFF**, and **7C52C6** is the 20% darker color. If you saturate the color by 10%, you get **A46CFF**, and if you desaturate by 10%, it is **C49FFF**.

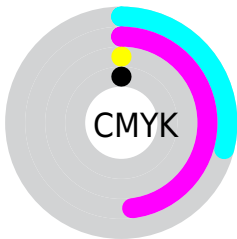
# Distribution



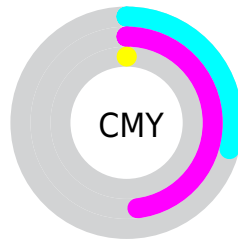
- Red (71%)
- Green (52%)
- Blue (100%)



- Red (71%)
- Yellow (52%)
- Blue (100%)



- Cyan (29%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (48%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B485FF 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 B485FF by changing the saturation by 10% instead.



 B485FF

 B485FF

FFFFFF

 986BE2

 EEBBFF

 7C52C6

 FFD7FF


 603AAA

 FFF4FF

 44228F

 260875

 00005B

 000043

 00032C

 000116

 B485FF

 B485FF

 A46CFF

 C49FFF

 9552FF

 D3B8FF

 8539FF

 E3D2FF

 751FFF

 F3EBFF

 6606FF

FFFFFF

 6200FF

# Harmonies

## Analogous

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



069FFF



B485FF



F369CD

# Triad

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



B485FF



DF8920



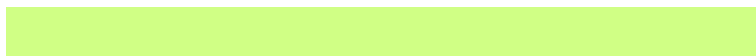
00BAAC

# Complementary

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



B485FF



D0FF85

# 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.



00B76C



B485FF



AC9F00

# Square

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



B485FF



FF6E54



6AAE31



00B8E8

# Rectangle

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



B485FF



FF5FA4



6AAE31



00B997



# Sweetspot

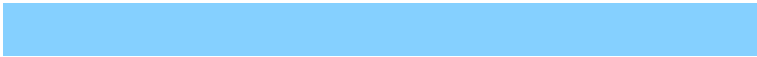
The Sweet Spot groups the original color and five complimentary colors.



B485FF



E9DBFF



85D0FF



726A80



000000



808080



# Same Dimension

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



B485FF



A66EFF



F185FF



787380



4A00BF



190040



# Inverse Universe

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



FF85D0



FF6EC7



93FF85



80737B



BF0076

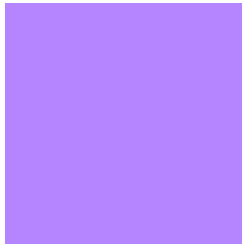


400027



# Previews

## White Background



This preview shows how the Hex color B485FF looks on a white background.

## Color Contrast Check

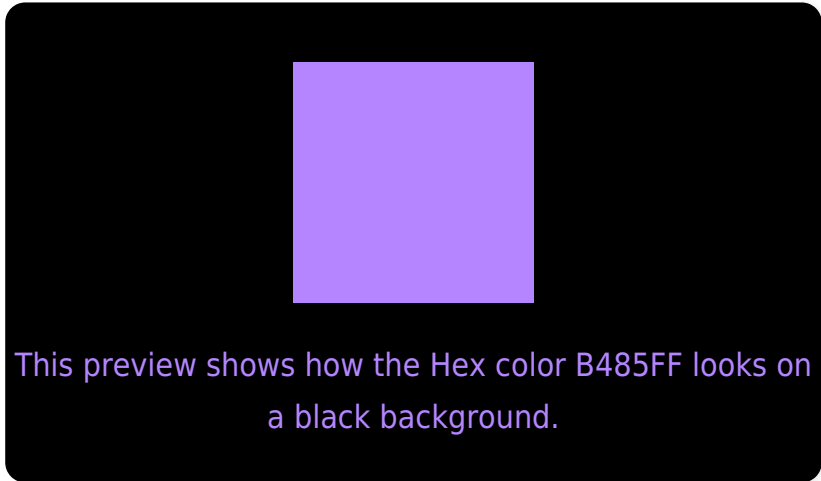
Large Text (above 18pt) WCAG AA × Fail

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

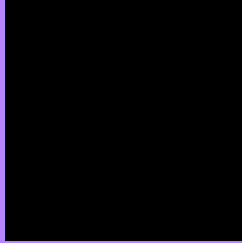
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B485FF Background



This preview shows how black text looks on a background with the Hex color B485FF.

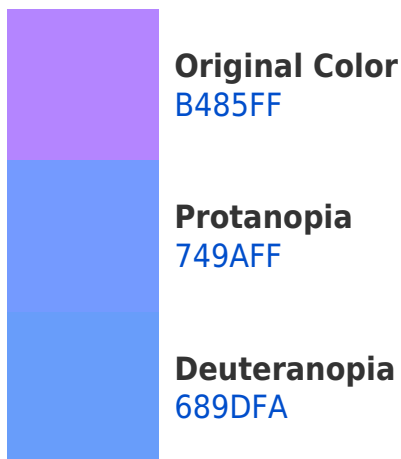


This preview shows how white text looks on a background with the Hex color B485FF.

# 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**  
A39AA6

# Trichromacy



**Original Color**  
B485FF



**Protanomaly**  
8B92FF



**Deuteranomaly**  
8494FC



**Tritanomaly**  
A992C6

# Monochromacy



**Original Color**  
B485FF



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
A897C3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B485FF 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 #B485FF looks like.

```
.text, #text, p{  
    color:#B485FF  
}
```

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 #B485FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B485FF
}
```

## Border

The CSS property to change the border of an element to Hex B485FF 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
#B485FF }
```

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

```
.border{ border-color:#B485FF }
```

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

Here you see how a box with a 4 pixel #B485FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B485FF; -webkit-box-shadow:4px 4px  
4px 4px #B485FF; box-shadow:4px 4px 4px  
4px #B485FF }
```

# Background

The CSS property to change the background color of an element to Hex B485FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B485FF }
```

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

```
.background{ background-color:#B485FF }
```

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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