

# Converting Colors

Hex(CB46FC)

Have a look what the booklet for  
Hex(CB46FC) contains.

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**Color**

**Hex(CB46FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB46FC
RGB	203, 70, 252
RGB Percent	80%, 27%, 99%
CMY	0.2039, 0.7255, 0.0118
CMYK	0.19, 0.72, 0.00, 0.01
HSL	284°, 97%, 63%
HSV	284°, 72%, 99%
XYZ	44.3894, 24.1051, 94.4086
YIQ	130.5150, 20.8460, 84.7980

# Conversions

## Conversions Part 2

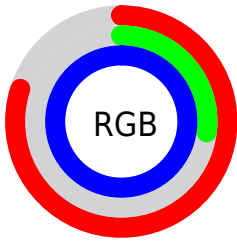
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 70, 252
Decimal	13321980
CIE <sub>Lab</sub>	56.19, 76.75, -66.24
CIE <sub>LCh</sub>	56, 101.385, 319.203
Yxy	24.1051, 0.2725, 0.1480
Android (android.graphics.Color)	4291512060 (0xFFCB46FC)
YUV	130.5150, 59.8921, 63.5693
Hunter-Lab	49.0969, 75.4655, -79.6410

# Details

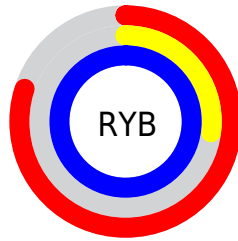
The Hex color **CB46FC** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **77FC46**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF81FF**, and **9000C2** is the 20% darker color. If you saturate the color by 10%, you get **C42DFC**, and if you desaturate by 10%, it is **D25FFC**.

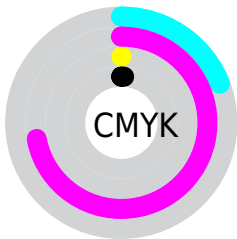
# Distribution



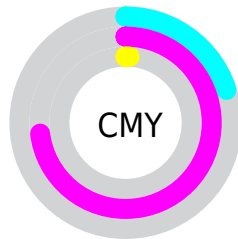
- Red (80%)
- Green (27%)
- Blue (99%)



- Red (80%)
- Yellow (27%)
- Blue (99%)



- Cyan (19%)
- Magenta (72%)
- Yellow (0%)
- Black (1%)



- Cyan (20%)
- Magenta (73%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB46FC 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 CB46FC by changing the saturation by 10% instead.



 CB46FC

 CB46FC

FFFFFF

 AD23DF

 FF81FF

 9000C2

 FF9EFF

 7300A6

 FFBBFF

 55008B

 FFD9FF

 370071

 FFF7FF

 160058

 00003F

 000328

 000112

 CB46FC

 CB46FC

 C42DFC

 D25FFC

 BD14FC

 D978FC

 B800FC

 DF92FC

 E6ABFC

 EDC4FC

 F4DDFC

 FAF6FC

FFFFFFC

# Harmonies

## Analogous

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



007FFF



CB46FC



FF00AB

# Triad

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



CB46FC



BE7800



00AABF

# Complementary

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



CB46FC



77FC46

# 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.



00A863



CB46FC



6F9400

# Square

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



CB46FC



F94300



00A100



00A8FF

# Rectangle

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



CB46FC



FF0070



00A100



00A9A1



# Sweetspot

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



CB46FC



F0C7FF



467AFC



775E80



000000



808080



# Same Dimension

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



CB46FC



C321FF



FC46D5



7A707D



8A00BD



2D003D



# Inverse Universe

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



FC4677



FF215D



46FC6D



7D7074



BD0033

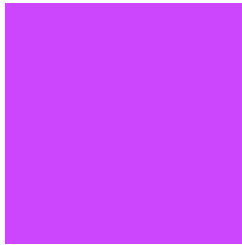


3D0010



# Previews

## White Background



This preview shows how the Hex color CB46FC looks on a white background.

## Color Contrast Check

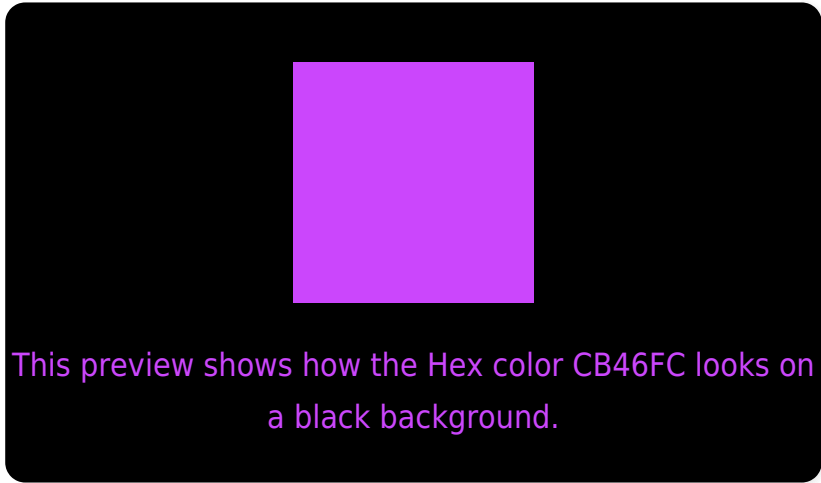
Large Text (above 18pt) WCAG AA ✓ Pass

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

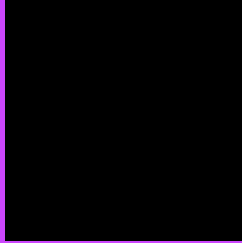
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CB46FC Background



This preview shows how black text looks on a background with the Hex color CB46FC.

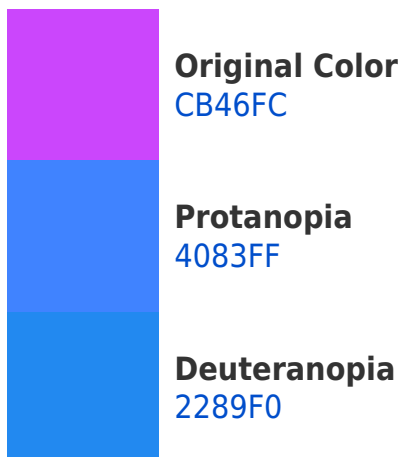


This preview shows how white text looks on a background with the Hex color CB46FC.

# 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**  
B8737B

# Trichromacy



**Original Color**  
CB46FC



**Protanomaly**  
736DFE



**Deuteranomaly**  
5F71F4



**Tritanomaly**  
BF63AA

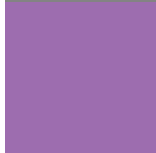
# Monochromacy



**Original Color**  
CB46FC



**Achromatopsia**  
838383



**Achromatomaly**  
9D6DAF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB46FC 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 #CB46FC looks like.

```
.text, #text, p{  
    color:#CB46FC  
}
```

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 #CB46FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB46FC
}
```

## Border

The CSS property to change the border of an element to Hex CB46FC is called "border". The border property can be set on classes, ids or directly on the HTML element.

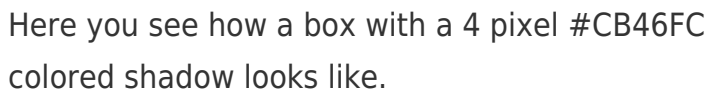
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB46FC }
```

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

```
.border{ border-color:#CB46FC }
```

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



Here you see how a box with a 4 pixel #CB46FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB46FC; -webkit-box-shadow:4px 4px  
4px 4px #CB46FC; box-shadow:4px 4px 4px  
4px #CB46FC }
```

# Background

The CSS property to change the background color of an element to Hex CB46FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB46FC }
```

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

```
.background{ background-color:#CB46FC }
```

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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