

# Converting Colors

Hex(CBC4FF)

Have a look what the booklet for  
Hex(CBC4FF) contains.

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# Color

**Hex(CBC4FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBC4FF
RGB	203, 196, 255
RGB Percent	80%, 77%, 100%
CMY	0.2039, 0.2314, 0.0000
CMYK	0.20, 0.23, 0.00, 0.00
HSL	247°, 100%, 88%
HSV	247°, 23%, 100%
XYZ	62.4185, 59.3964, 102.7826
YIQ	204.8190, -14.7670, 19.8330

# Conversions

## Conversions Part 2

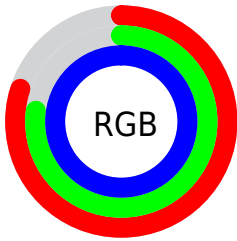
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 196, 255
Decimal	13354239
CIE Lab	81.51, 14.31, -28.07
CIE LCh	82, 31.510, 297.006
Yxy	59.3964, 0.2779, 0.2645
Android (android.graphics.Color)	4291544319 (0xFFCBC4FF)
YUV	204.8190, 24.7392, -1.5953
Hunter-Lab	77.0690, 9.6971, -25.1234

# Details

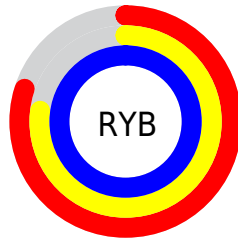
The Hex color **CBC4FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F8FFC4**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFDFFF**, and **948EC6** is the 20% darker color. If you saturate the color by 10%, you get **B5ABFF**, and if you desaturate by 10%, it is **E1DEFF**.

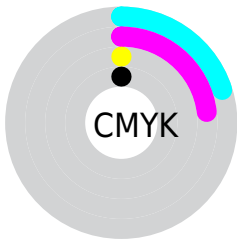
# Distribution



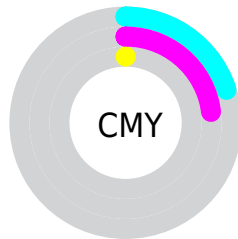
- Red (80%)
- Green (77%)
- Blue (100%)



- Red (80%)
- Yellow (77%)
- Blue (100%)



- Cyan (20%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (23%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBC4FF 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 CBC4FF by changing the saturation by 10% instead.



 CBC4FF

 CBC4FF

FFFFFF

 AFA9E2

 FFFDFD

 948EC6

 7A75AB

 605C90

 474576

 2F2E5D

 161A45

 02002F

 000119

 CBC4FF

 CBC4FF

 B5ABFF


 E1DEFF

 9E91FF

 F8F7FF

 8878FF

 FFFFFFFF

 715EFF

 5B45FF

 442BFF

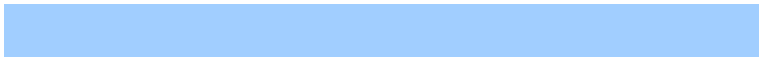
 2E12FF

 1E00FF

# Harmonies

## Analogous

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



A1CEFF



CBC4FF



EEBAEB

# Triad

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



CBC4FF



FABE9A



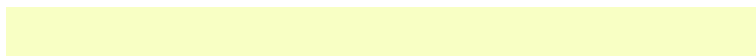
82DBC6

# Complementary

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



CBC4FF



F8FFC4

# 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.



A2D8AA



CBC4FF



E3C890

# Square

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



CBC4FF



FFB6B1



C4D195



70DAE4

# Rectangle

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



CBC4FF



FDB6D9



C4D195



8CDABC



# Sweetspot

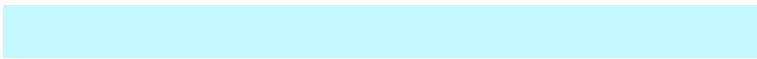
The Sweet Spot groups the original color and five complimentary colors.



CBC4FF



EFEDFF



C4F8FF



777580



000000



808080



# Same Dimension

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



CBC4FF



C0B8FF



E8C4FF



747380



1700BF



080040



# Inverse Universe

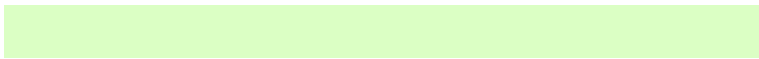
The Inverse Universe completely reimagines the original color for something new.



FFC4F8



FFB8F7



DBFFC4



80737E



BF00A9

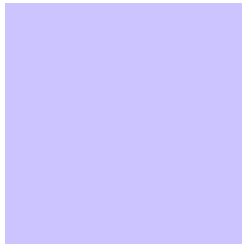


400038



# Previews

## White Background



This preview shows how the Hex color CBC4FF looks on a white background.

## Color Contrast Check

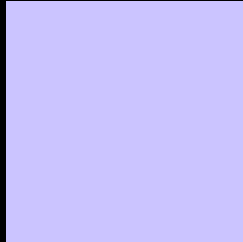
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color CBC4FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

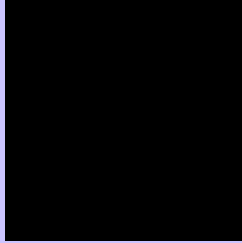
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBC4FF Background



This preview shows how black text looks on a background with the Hex color CBC4FF.



This preview shows how white text looks on a background with the Hex color CBC4FF.

# 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



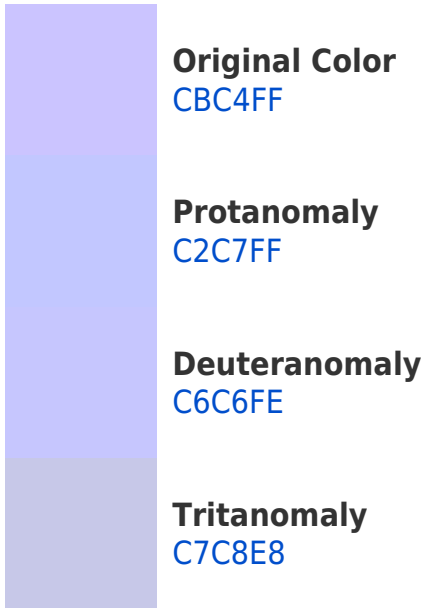
**Original Color**  
CBC4FF

**Protanopia**  
BDC8FF

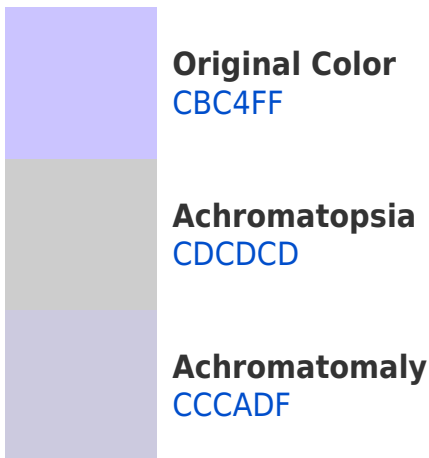
**Deuteranopia**  
C3C7FE



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBC4FF 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 #CBC4FF looks like.

```
.text, #text, p{  
    color:#CBC4FF  
}
```

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 #CBC4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBC4FF
}
```

## Border

The CSS property to change the border of an element to Hex CBC4FF 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
#CBC4FF }
```

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

```
.border{ border-color:#CBC4FF }
```

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

Here you see how a box with a 4 pixel #CBC4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBC4FF; -webkit-box-shadow:4px 4px  
4px 4px #CBC4FF; box-shadow:4px 4px 4px  
4px #CBC4FF }
```

# Background

The CSS property to change the background color of an element to Hex CBC4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBC4FF }
```

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

```
.background{ background-color:#CBC4FF }
```

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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