

# Converting Colors

Hex(C6BDFE)

Have a look what the booklet for  
Hex(C6BDFE) contains.

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# **Color**

**Hex(C6BDFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6BDFE
RGB	198, 189, 254
RGB Percent	78%, 74%, 100%
CMY	0.2235, 0.2588, 0.0039
CMYK	0.22, 0.26, 0.00, 0.00
HSL	248°, 97%, 87%
HSV	248°, 26%, 100%
XYZ	59.3757, 55.5567, 101.3600
YIQ	199.1010, -15.5010, 22.1230

# Conversions

## Conversions Part 2

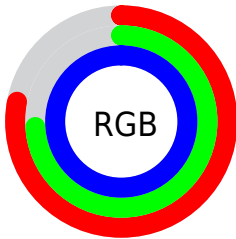
Format	Color
R <sub>Y</sub> B	198, 189, 254
Decimal	13024766
CIE Lab	79.36, 16.39, -30.87
CIE LCh	79, 34.948, 297.962
Yxy	55.5567, 0.2745, 0.2569
Android (android.graphics.Color)	4291214846 (0xFFC6BDFE)
YUV	199.1010, 27.0652, -0.9656
Hunter-Lab	74.5364, 11.7545, -28.4514

# Details

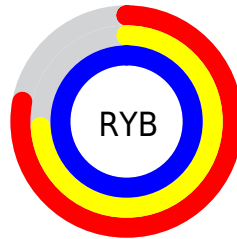
The Hex color **C6BDFE** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F5FEBD**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFF5FF**, and **8F88C5** is the 20% darker color. If you saturate the color by 10%, you get **B0A4FE**, and if you desaturate by 10%, it is **DCD6FE**.

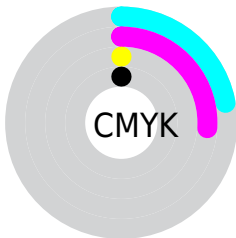
# Distribution



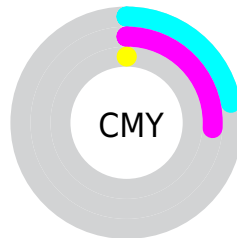
- Red (78%)
- Green (74%)
- Blue (100%)



- Red (78%)
- Yellow (74%)
- Blue (100%)



- Cyan (22%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (26%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6BDFE 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 C6BDFE by changing the saturation by 10% instead.



 C6BDFE

FFFFFF

 FFF5FF

 C6BDFE

 AAA2E1

 8F88C5

 756EAA

 5B568F

 423F75

 29295C

 0F1544

 00002E

 000118

 C6BDFE

 C6BDFE

 B0A4FE

 DCD6FE

 9A8AFE

 F2F0FE

 8471FE

FFFFFFE

 6E57FE

 593EFE

 4325FE

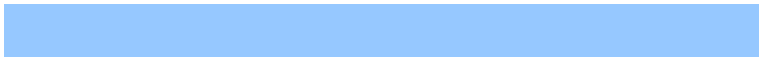
 2D0BFE

 2300FE

# Harmonies

## Analogous

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



96C8FF



C6BDFE



ECB2E8

# Triad

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



C6BDFE



F7B78E



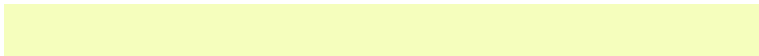
70D6C1

# Complementary

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



C6BDFE



F5FEBD

# 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.



95D3A1



C6BDFE



DDC283

# Square

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



C6BDFE



FFAEA8



BBCC8A



59D6E2

# Rectangle

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



C6BDFE



FCADD3



BBCC8A



7CD6B6



# Sweetspot

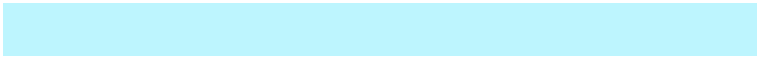
The Sweet Spot groups the original color and five complimentary colors.



C6BDFE



EDEBFF



BDF5FE



757380



000000



808080



# Same Dimension

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



C6BDFE



BBB0FF



E6BDFE



757380



1A00BF



090040



# Inverse Universe

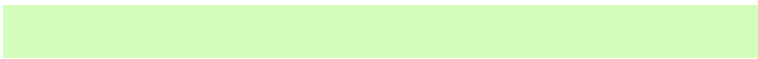
The Inverse Universe completely reimagines the original color for something new.



FEBDF5



FFB0F4



D5FEBD



80737E



BF00A5

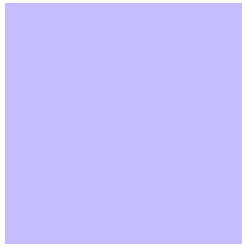


400037



# Previews

## White Background



This preview shows how the Hex color C6BDFE looks on a white background.

## Color Contrast Check

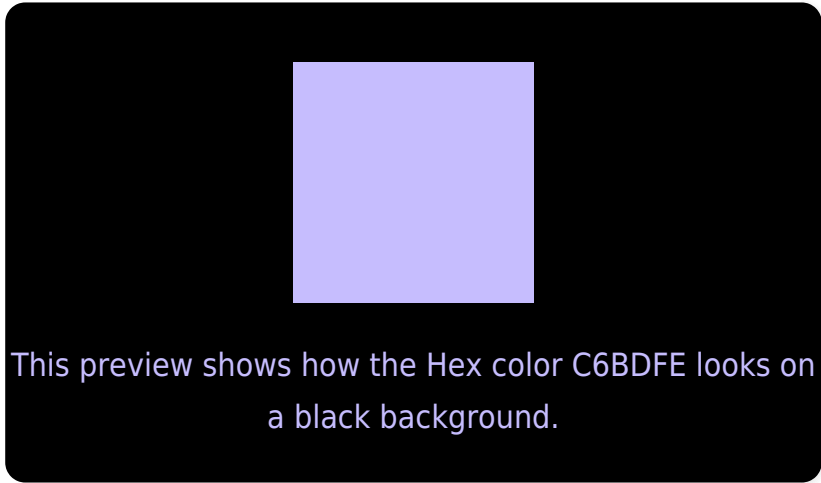
Large Text (above 18pt) WCAG AA × Fail

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 C6BDFE Background



This preview shows how black text looks on a background with the Hex color C6BDFE.

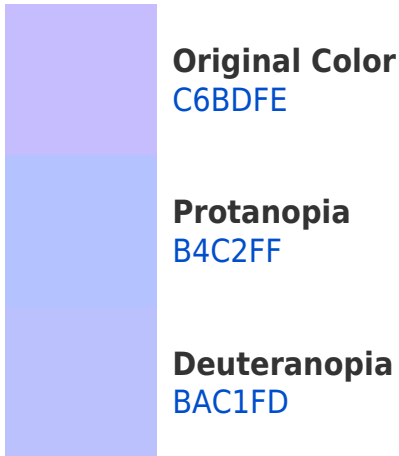


This preview shows how white text looks on a background with the Hex color C6BDFE.

# Color Blindness Simulation

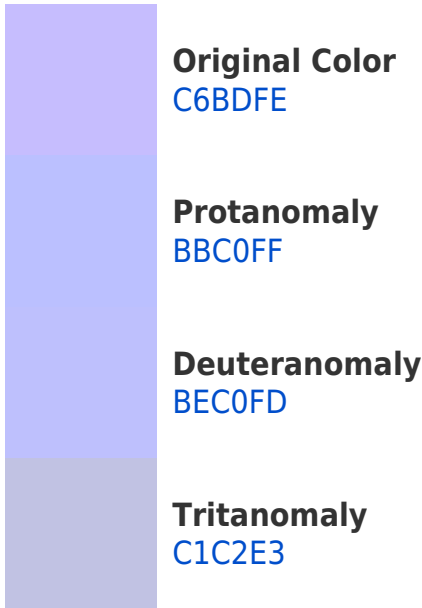
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

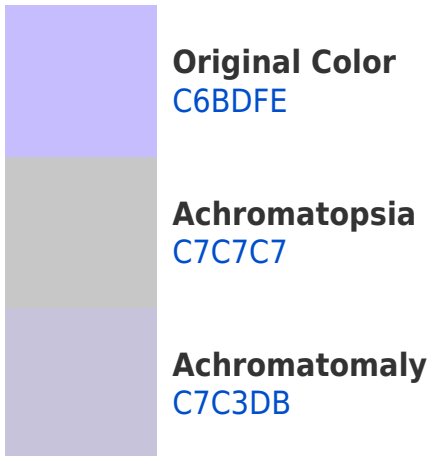




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6BDFE 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 #C6BDFE looks like.

```
.text, #text, p{  
    color:#C6BDFE  
}
```

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 #C6BDFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6BDFE
}
```

## Border

The CSS property to change the border of an element to Hex C6BDFE 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
#C6BDFE }
```

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

```
.border{ border-color:#C6BDFE }
```

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

Here you see how a box with a 4 pixel #C6BDFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6BDFE; -webkit-box-shadow:4px 4px  
4px 4px #C6BDFE; box-shadow:4px 4px 4px  
4px #C6BDFE }
```

# Background

The CSS property to change the background color of an element to Hex C6BDFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6BDFE }
```

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

```
.background{ background-color:#C6BDFE }
```

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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