

# Converting Colors

Hex(C3BDFF)

Have a look what the booklet for  
Hex(C3BDFF) contains.

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# **Color**

**Hex(C3BDFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3BDFF
RGB	195, 189, 255
RGB Percent	76%, 74%, 100%
CMY	0.2353, 0.2588, 0.0000
CMYK	0.24, 0.26, 0.00, 0.00
HSL	245°, 100%, 87%
HSV	245°, 26%, 100%
XYZ	58.7533, 55.2173, 102.1691
YIQ	198.3180, -17.6100, 21.7980

# Conversions

## Conversions Part 2

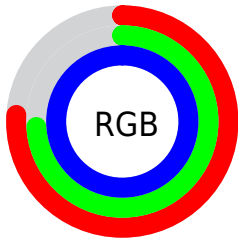
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	195, 189, 255
Decimal	12828159
CIE Lab	79.17, 15.73, -31.72
CIE LCh	79, 35.406, 296.371
Yxy	55.2173, 0.2718, 0.2555
Android (android.graphics.Color)	4291018239 (0xFFC3BDFF)
YUV	198.3180, 27.9442, -2.9099
Hunter-Lab	74.3083, 11.0948, -29.5040

# Details

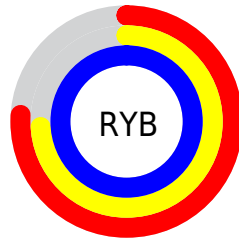
The Hex color **C3BDFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F9FFBD**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FCF5FF**, and **8C88C6** is the 20% darker color. If you saturate the color by 10%, you get **ACA4FF**, and if you desaturate by 10%, it is **DAD7FF**.

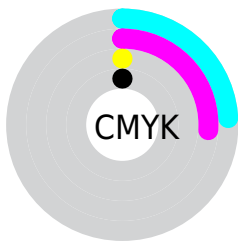
# Distribution



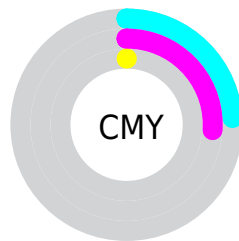
- Red (76%)
- Green (74%)
- Blue (100%)



- Red (76%)
- Yellow (74%)
- Blue (100%)



- Cyan (24%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (26%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3BDFF 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 C3BDFF by changing the saturation by 10% instead.



 C3BDFF

 C3BDFF

FFFFFF

 A7A2E2

 FCF5FF

 8C88C6

 726EAB

 585690

 3F3F76

 26295D

 091545

 00002F

 000119

 C3BDFF

 C3BDFF

 ACA4FF

 DAD7FF

 958AFF

 F1F0FF

 7D71FF

FFFFFF

 6657FF

 4F3EFF

 3824FF

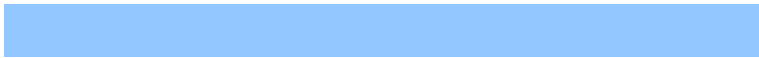
 210BFF

 1700FF

# Harmonies

## Analogous

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



92C8FF



C3BDFF



EAB2E9

# Triad

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



C3BDFE



F8B58E



70D6BF

# Complementary

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



C3BDFE



F9FFBD

# 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.



96D29F



C3BDFF



DFC182

# Square

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



C3BDFE



FFADA8



BDCB88



56D6E0

# Rectangle

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



C3BDFE



FBADD5



BDCB88



7CD5B3



# Sweetspot

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



C3BDFF



ECEBFF



BDFAFF



747380



000000



808080



# Same Dimension

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



C3BDFF



B7B0FF



E3BDFF



747380



1100BF



060040



# Inverse Universe

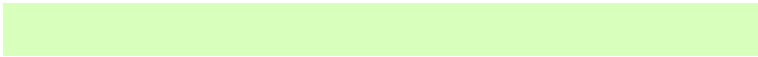
The Inverse Universe completely reimagines the original color for something new.



FFBDF9



FFB0F8



D9FFBD



80737E



BF00AE

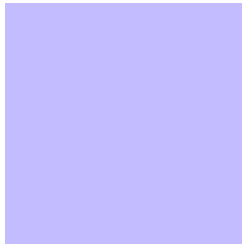


40003A



# Previews

## White Background



This preview shows how the Hex color C3BDFF looks on a white background.

## Color Contrast Check

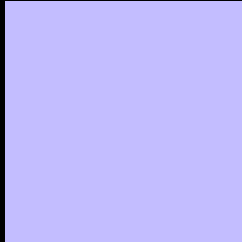
Large Text (above 18pt) WCAG AA × Fail

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 C3BDFE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

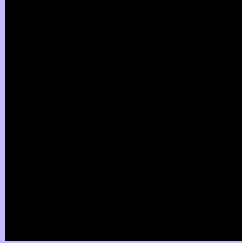
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C3BDFF Background



This preview shows how black text looks on a background with the Hex color C3BDFF.



This preview shows how white text looks on a background with the Hex color C3BDFF.

# Color Blindness Simulation

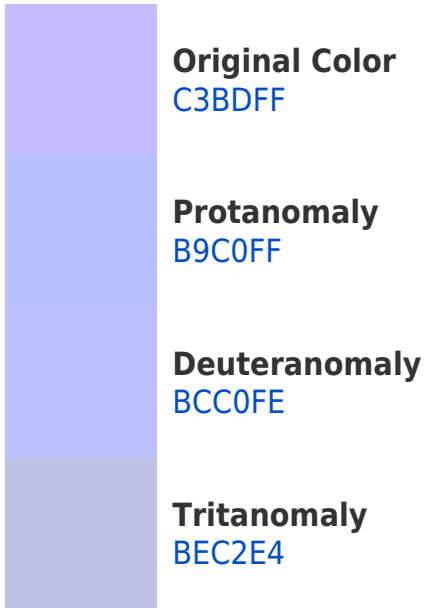
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

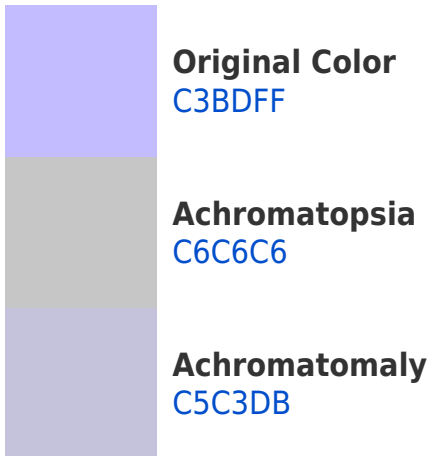




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3BDFF 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 #C3BDFF looks like.

```
.text, #text, p{  
    color:#C3BDFF  
}
```

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 #C3BDFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3BDFF
}
```

## Border

The CSS property to change the border of an element to Hex C3BDFF 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
#C3BDFF }
```

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

```
.border{ border-color:#C3BDFF }
```

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

Here you see how a box with a 4 pixel #C3BDFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3BDFF; -webkit-box-shadow:4px 4px  
4px 4px #C3BDFF; box-shadow:4px 4px 4px  
4px #C3BDFF }
```

# Background

The CSS property to change the background color of an element to Hex C3BDFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3BDFF }
```

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

```
.background{ background-color:#C3BDFF }
```

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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