

# Converting Colors

Hex(CDC5FF)

Have a look what the booklet for  
Hex(CDC5FF) contains.

<b>Hex(CDC5FF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CDC5FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDC5FF
RGB	205, 197, 255
RGB Percent	80%, 77%, 100%
CMY	0.1961, 0.2275, 0.0000
CMYK	0.20, 0.23, 0.00, 0.00
HSL	248°, 100%, 89%
HSV	248°, 23%, 100%
XYZ	63.1931, 60.1316, 102.8837
YIQ	206.0040, -13.8500, 19.7340

# Conversions

## Conversions Part 2

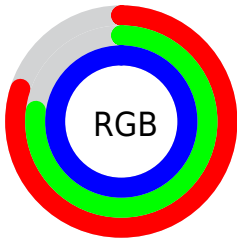
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	205, 197, 255
Decimal	13485567
CIE Lab	81.91, 14.37, -27.45
CIE LCh	82, 30.982, 297.636
Yxy	60.1316, 0.2794, 0.2658
Android (android.graphics.Color)	4291675647 (0xFFCDC5FF)
YUV	206.0040, 24.1550, -0.8805
Hunter-Lab	77.5446, 9.7612, -24.3828

# Details

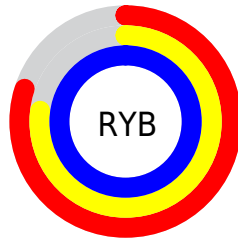
The Hex color **CDC5FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F7FFC5**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFEFF**, and **968FC6** is the 20% darker color. If you saturate the color by 10%, you get **B7ACFF**, and if you desaturate by 10%, it is **E3DFFF**.

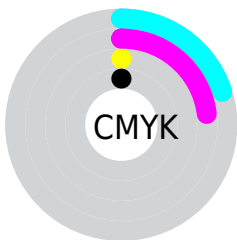
# Distribution



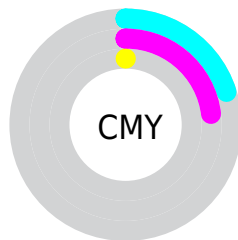
- Red (80%)
- Green (77%)
- Blue (100%)



- 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 CDC5FF 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 CDC5FF by changing the saturation by 10% instead.



 CDC5FF

 CDC5FF

FFFFFF

 B1AAE2

FFFEFF

 968FC6

 7C76AB

 625D90

 494576

 312F5D

 191A45

 04002F

 000119

 CDC5FF

 CDC5FF

 B7ACFF

 E3DFFF

 A192FF

 F9F8FF

 8B79FF

FFFFFF

 755FFF

 5F45FF

 492CFF

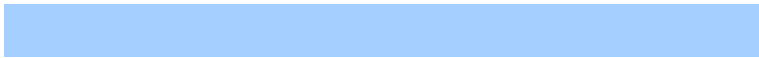
 3312FF

 2300FF

# Harmonies

## Analogous

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



A4CFFF



CDC5FF



EFBCEB

# Triad

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



CDC5FF



FABF9C



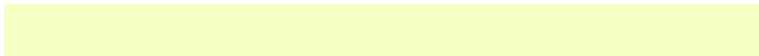
84DCC8

# Complementary

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



CDC5FF



F7FFC5

# 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.



A3D9AC



CDC5FF



E3C992

# Square

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



CDC5FF



FFB8B2



C4D298



73DBE6

# Rectangle

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



CDC5FF



FEB8D9



C4D298



8DDBBE



# Sweetspot

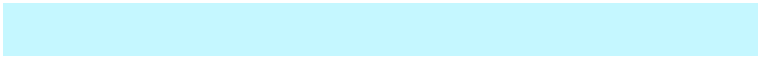
The Sweet Spot groups the original color and five complimentary colors.



CDC5FF



F0EDFF



C5F7FF



777580



000000



808080



# Same Dimension

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



CDC5FF



C4BAFF



EAC5FF



757380



1A00BF



090040



# Inverse Universe

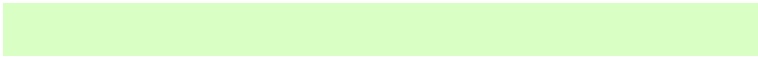
The Inverse Universe completely reimagines the original color for something new.



FFC5F7



FFBAF6



DAFFC5



80737E



BF00A5

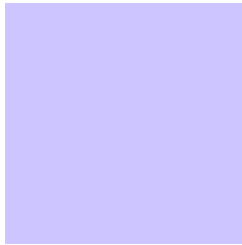


400037



# Previews

## White Background



This preview shows how the Hex color CDC5FF looks on a white background.

## Color Contrast Check

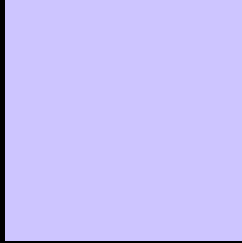
Large Text (above 18pt) WCAG AA × Fail

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 CDC5FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

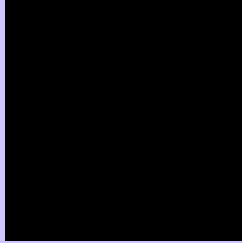
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CDC5FF Background



This preview shows how black text looks on a background with the Hex color CDC5FF.

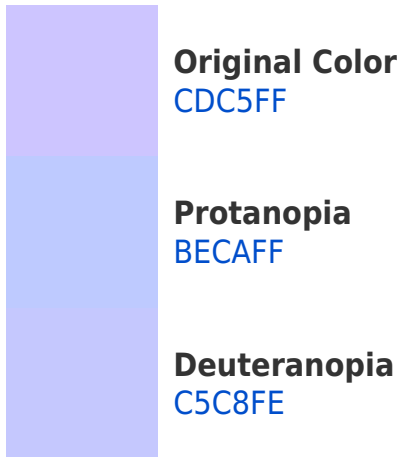


This preview shows how white text looks on a background with the Hex color CDC5FF.

# Color Blindness Simulation

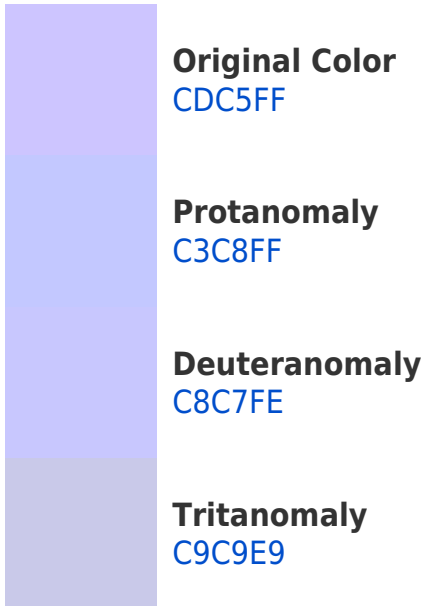
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

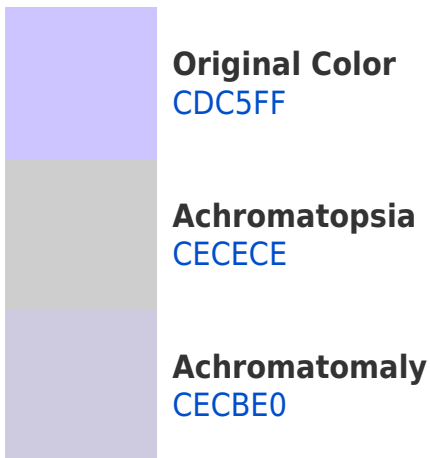




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDC5FF 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 #CDC5FF looks like.

```
.text, #text, p{  
    color:#CDC5FF  
}
```

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 #CDC5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDC5FF
}
```

## Border

The CSS property to change the border of an element to Hex CDC5FF 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
#CDC5FF }
```

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

```
.border{ border-color:#CDC5FF }
```

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

Here you see how a box with a 4 pixel #CDC5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDC5FF; -webkit-box-shadow:4px 4px  
4px 4px #CDC5FF; box-shadow:4px 4px 4px  
4px #CDC5FF }
```

# Background

The CSS property to change the background color of an element to Hex CDC5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDC5FF }
```

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

```
.background{ background-color:#CDC5FF }
```

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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