

# Converting Colors

Hex(CDC5FE)

Have a look what the booklet for  
Hex(CDC5FE) contains.

<b>Hex(CDC5FE)</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(CDC5FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDC5FE
RGB	205, 197, 254
RGB Percent	80%, 77%, 100%
CMY	0.1961, 0.2275, 0.0039
CMYK	0.19, 0.22, 0.00, 0.00
HSL	248°, 97%, 88%
HSV	248°, 22%, 100%
XYZ	63.0325, 60.0674, 102.0379
YIQ	205.8900, -13.5290, 19.4230

# Conversions

## Conversions Part 2

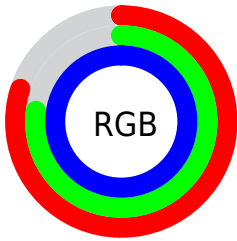
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	205, 197, 254
Decimal	13485566
CIE Lab	81.87, 14.15, -26.97
CIE LCh	82, 30.456, 297.688
Yxy	60.0674, 0.2800, 0.2668
Android (android.graphics.Color)	4291675646 (0xFFCDC5FE)
YUV	205.8900, 23.7182, -0.7805
Hunter-Lab	77.5032, 9.5416, -23.8069

# Details

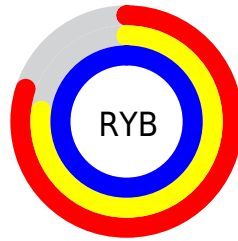
The Hex color **CDC5FE** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F6FEC5**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFEFF**, and **968FC5** is the 20% darker color. If you saturate the color by 10%, you get **B7ACFE**, and if you desaturate by 10%, it is **E3DEFE**.

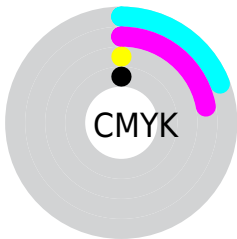
# Distribution



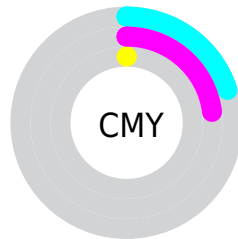
- Red (80%)
- Green (77%)
- Blue (100%)



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



- Cyan (19%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color CDC5FE 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 CDC5FE by changing the saturation by 10% instead.



 CDC5FE

 CDC5FE

FFFFFF

 B1AAE1

FFFEFF

 968FC5

 7C76AA

 625D8F

 494575

 312F5D

 191A45

 04002E

 000119

 CDC5FE

 CDC5FE

 B7ACFE

 E3DEFE

 A192FE

 F9F8FE

 8B79FE

FFFFFFE

 765FFE

 6046FE

 4A2DFE

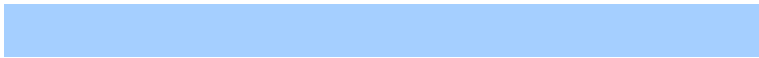
 3413FE

 2400FE

# Harmonies

## Analogous

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



A5CFFF



CDC5FE



EEBCEA

# Triad

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



CDC5FE



F9BF9C



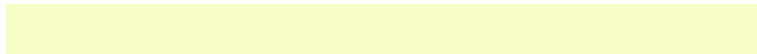
85DBC8

# Complementary

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



CDC5FE



F6FEC5

# 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.



A3D8AC



CDC5FE



E2C993

# Square

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



CDC5FE



FFB8B2



C4D298



75DBE5

# Rectangle

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



CDC5FE



FDB8D9



C4D298



8EDBBE



# Sweetspot

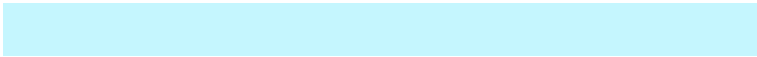
The Sweet Spot groups the original color and five complimentary colors.



CDC5FE



F0EDFF



C5F6FE



777580



000000



808080



# Same Dimension

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



CDC5FE



C4BAFF



E9C5FE



757380



1B00BF



090040



# Inverse Universe

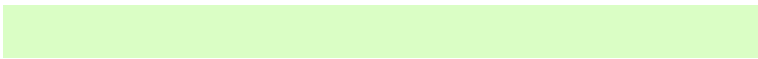
The Inverse Universe completely reimagines the original color for something new.



FEC5F6



FFBAF5



DAFEC5



80737E



BF00A4

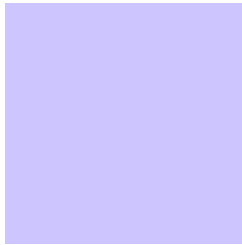


400037



# Previews

## White Background



This preview shows how the Hex color CDC5FE looks on a white background.

## Color Contrast Check

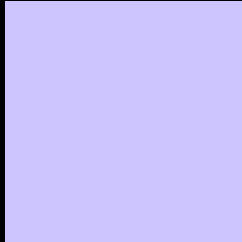
Large Text (above 18pt) WCAG AA × Fail

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 CDC5FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

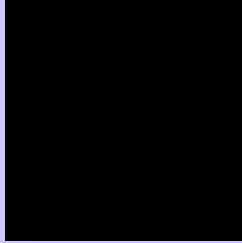
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CDC5FE Background



This preview shows how black text looks on a background with the Hex color CDC5FE.

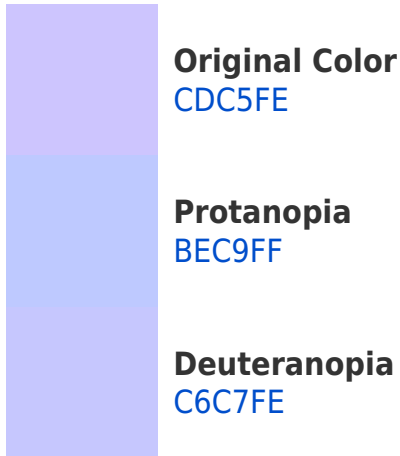


This preview shows how white text looks on a background with the Hex color CDC5FE.

# 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](#).

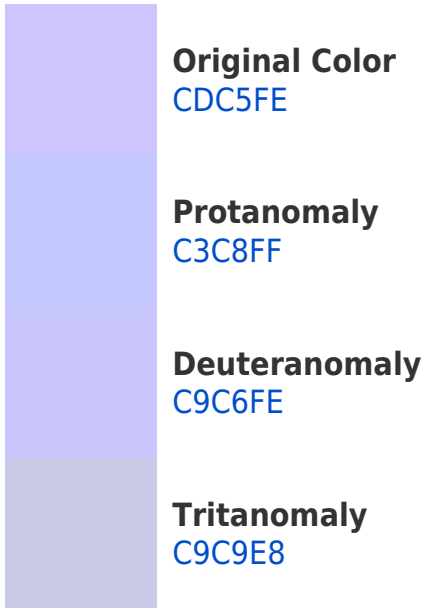
## Dichromacy



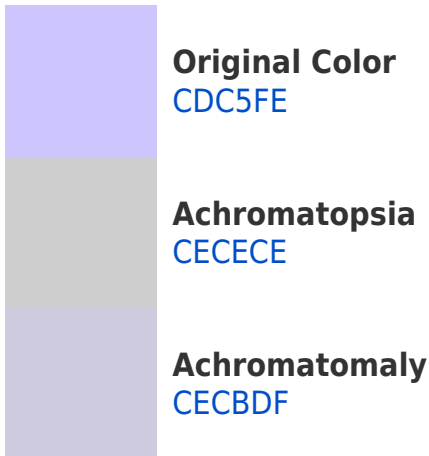


**Tritanopia**  
C7CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDC5FE 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 #CDC5FE looks like.

```
.text, #text, p{  
    color:#CDC5FE  
}
```

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 #CDC5FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDC5FE
}
```

## Border

The CSS property to change the border of an element to Hex CDC5FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

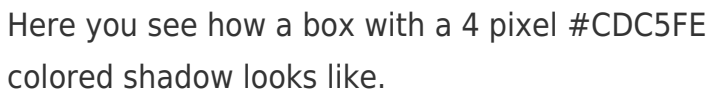
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CDC5FE }
```

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

```
.border{ border-color:#CDC5FE }
```

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



Here you see how a box with a 4 pixel `#CDC5FE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDC5FE; -webkit-box-shadow:4px 4px  
4px 4px #CDC5FE; box-shadow:4px 4px 4px  
4px #CDC5FE }
```

# Background

The CSS property to change the background color of an element to Hex CDC5FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDC5FE }
```

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

```
.background{ background-color:#CDC5FE }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor