

# Converting Colors

Hex(CDD6FC)

Have a look what the booklet for  
Hex(CDD6FC) contains.

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# **Color**

**Hex(CDD6FC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDD6FC
RGB	205, 214, 252
RGB Percent	80%, 84%, 99%
CMY	0.1961, 0.1608, 0.0118
CMYK	0.19, 0.15, 0.00, 0.01
HSL	229°, 89%, 90%
HSV	229°, 19%, 99%
XYZ	66.7941, 68.1005, 101.7198
YIQ	215.6410, -17.5620, 9.9100

# Conversions

## Conversions Part 2

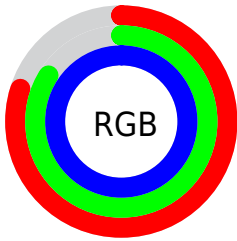
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 213, 252
Decimal	13489916
CIE <sub>Lab</sub>	86.06, 4.63, -19.55
CIE <sub>LCh</sub>	86, 20.096, 283.328
Yxy	68.1005, 0.2823, 0.2878
Android (android.graphics.Color)	4291679996 (0xFFCDD6FC)
YUV	215.6410, 17.9250, -9.3322
Hunter-Lab	82.5231, 0.0624, -15.3160

# Details

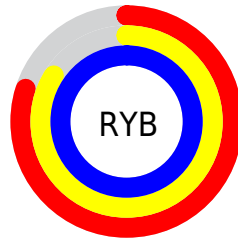
The Hex color **CDD6FC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FCF3CD**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFFF**, and **969FC3** is the 20% darker color. If you saturate the color by 10%, you get **B4C2FC**, and if you desaturate by 10%, it is **E6EAFC**.

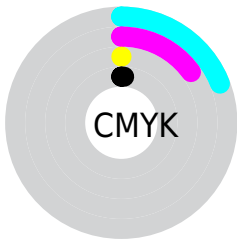
# Distribution



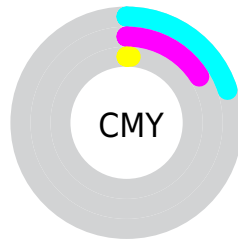
- Red (80%)
- Green (84%)
- Blue (99%)



- Red (80%)
- Yellow (84%)
- Blue (99%)



- Cyan (19%)
- Magenta (15%)
- Yellow (0%)
- Black (1%)



- Cyan (20%)
- Magenta (16%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDD6FC 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 CDD6FC by changing the saturation by 10% instead.



■ CDD6FC

FFFFFF

■ CDD6FC

■ B1BADF

■ 969FC3

■ 7C85A8

■ 636C8E

■ 4A5474

■ 323D5B

■ 1B2744

■ 03132D

■ 000119

 CDD6FC


 CDD6FC

 B4C2FC

 E6EAFC

 9BADFC

 FFFFFC

 8199FC

 6885FC

 4F70FC

 365CFC

 1D47FC

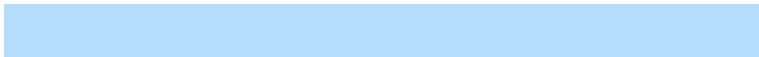
 0333FC

 0030FC

# Harmonies

## Analogous

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



B5DCFB



CDD6FC



E5D0F3

# Triad

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



CDD6FC



FCCDBE



B3E2CC

# Complementary

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



CDD6FC



FCF3CD

# 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.



C8DEBB



CDD6FC



F0D2B3

# Square

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



CDD6FC



FFCACF



DDD9B2



A6E2DF

# Rectangle

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



CDD6FC



F2CCE9



DDD9B2



BAE1C6



# Sweetspot

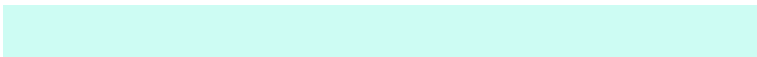
The Sweet Spot groups the original color and five complimentary colors.



CDD6FC



F0F3FF



CDFCF3



777880



000000



808080



# Same Dimension

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



CDD6FC



C7D2FF



DBCDFC



70737D



0024BD



000C3D



# Inverse Universe

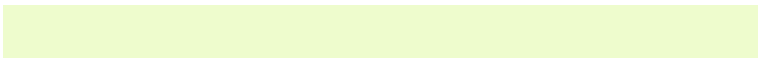
The Inverse Universe completely reimagines the original color for something new.



FCCDD6



FFC7D2



EEFCCD



7D7073



BD0024

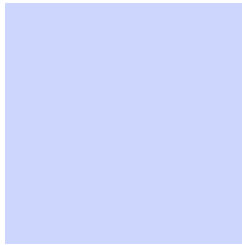


3D000C



# Previews

## White Background



This preview shows how the Hex color CDD6FC looks on a white background.

## Color Contrast Check

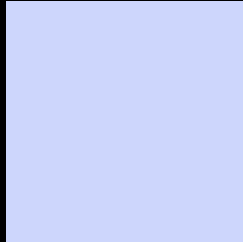
Large Text (above 18pt) WCAG AA × Fail

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 CDD6FC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

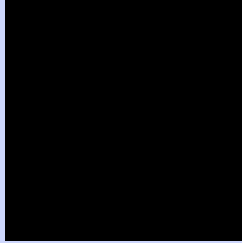
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CDD6FC Background



This preview shows how black text looks on a background with the Hex color CDD6FC.

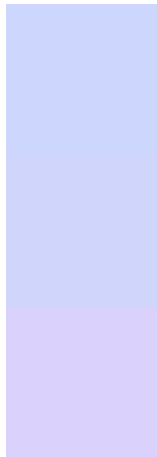


This preview shows how white text looks on a background with the Hex color CDD6FC.

# 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**  
CDD6FC

**Protanopia**  
D0D5FB

**Deuteranopia**  
DAD2FD

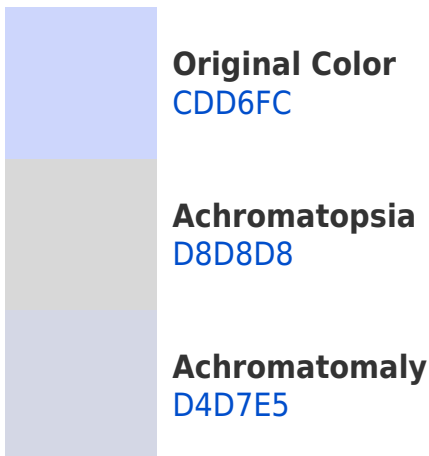


**Tritanopia**  
CAD9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDD6FC 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 #CDD6FC looks like.

```
.text, #text, p{  
    color:#CDD6FC  
}
```

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 #CDD6FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDD6FC  
}
```

## Border

The CSS property to change the border of an element to Hex CDD6FC 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  
#CDD6FC }
```

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

```
.border{ border-color:#CDD6FC }
```

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

Here you see how a box with a 4 pixel #CDD6FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDD6FC; -webkit-box-shadow:4px 4px  
4px 4px #CDD6FC; box-shadow:4px 4px 4px  
4px #CDD6FC }
```

# Background

The CSS property to change the background color of an element to Hex CDD6FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDD6FC }
```

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

```
.background{ background-color:#CDD6FC }
```

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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