

# Converting Colors

Hex(CDD3FF)

Have a look what the booklet for  
Hex(CDD3FF) contains.

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# **Color**

**Hex(CDD3FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDD3FF
RGB	205, 211, 255
RGB Percent	80%, 83%, 100%
CMY	0.1961, 0.1725, 0.0000
CMYK	0.20, 0.17, 0.00, 0.00
HSL	233°, 100%, 90%
HSV	233°, 20%, 100%
XYZ	66.5211, 66.7877, 103.9930
YIQ	214.2220, -17.7000, 12.4120

# Conversions

## Conversions Part 2

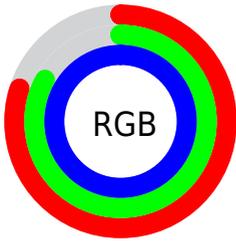
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">205, 210, 255</a>
Decimal	<a href="#">13489151</a>
CIELab	<a href="#">85.40, 6.87, -22.14</a>
CIELCh	<a href="#">85, 23.180, 287.244</a>
Yxy	<a href="#">66.7877, 0.2803, 0.2814</a>
Android (android.graphics.Color)	<a href="#">4291679231 (0xFFCDD3FF)</a>
YUV	<a href="#">214.2220, 20.1036, -8.0877</a>
Hunter-Lab	<a href="#">81.7237, 2.2781, -18.2396</a>

# Details

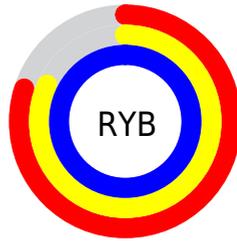
The Hex color **CDD3FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFF9CD**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFFF**, and **969DC6** is the 20% darker color. If you saturate the color by 10%, you get **B3BDFF**, and if you desaturate by 10%, it is **E7E9FF**.

# Distribution



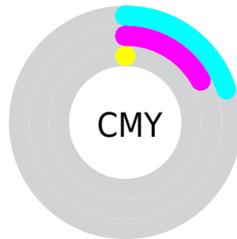
- Red (80%)
- Green (83%)
- Blue (100%)



- Red (80%)
- Yellow (82%)
- Blue (100%)



- Cyan (20%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (17%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDD3FF 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 CDD3FF by changing the saturation by 10% instead.

 CDD3FF

 CDD3FF

FFFFFF

 B1B7E2

 969DC6

 7C83AB

 626990

 4A5176

 323A5E

 1A2546

 02102F

 00011A

 CDD3FF

 CDD3FF

 B3BDFF

 E7E9FF

 9AA6FF

FFFFFF

 8190FF

 6779FF

 4E63FF

 344CFF

 1A36FF

 011FFF

 001FFF

# Harmonies

## Analogous

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



B0DAFF



CDD3FF



E8CCF3

# Triad

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



CDD3FF



FECAB6



A9E1CB

# Complementary

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



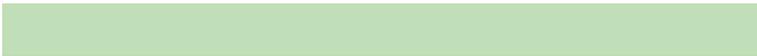
CDD3FF



FFF9CD

# 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.



C0DEB7



CDD3FF



EFD1AB

# Square

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



CDD3FF



FFC6C9



D9D8AB



9BE2E2

# Rectangle

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



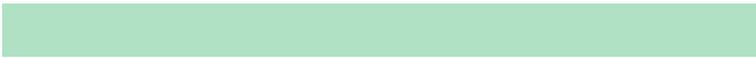
CDD3FF



F7C8E7



D9D8AB



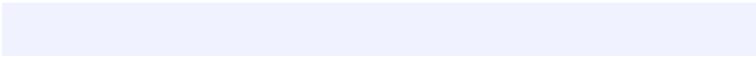
B0E1C4

# Sweetspot

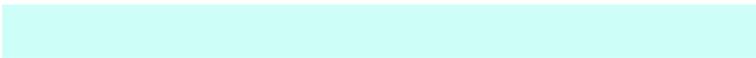
The Sweet Spot groups the original color and five complimentary colors.



CDD3FF



F0F2FF



CDFFF8



777880



000000



808080



# Same Dimension

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



CDD3FF



C2C9FF



DFCDFD



737480



0017BF



000840



# Inverse Universe

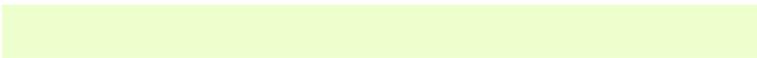
The Inverse Universe completely reimagines the original color for something new.



FFCDD3



FFC2C9



EDFFCD



807374



BF0017

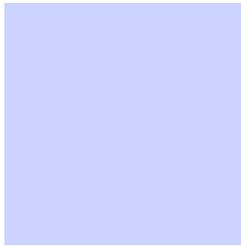


400008



# Previews

## White Background



This preview shows how the Hex color CDD3FF looks on a white background.

## Color Contrast Check

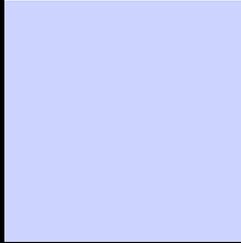
Large Text (above 18pt) WCAG AA × Fail

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 CDD3FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

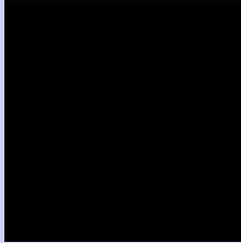
Any Text WCAG AA ✓ Pass

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 CDD3FF Background



This preview shows how black text looks on a background with the Hex color CDD3FF.



This preview shows how white text looks on a background with the Hex color CDD3FF.

# 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**  
CDD3FF

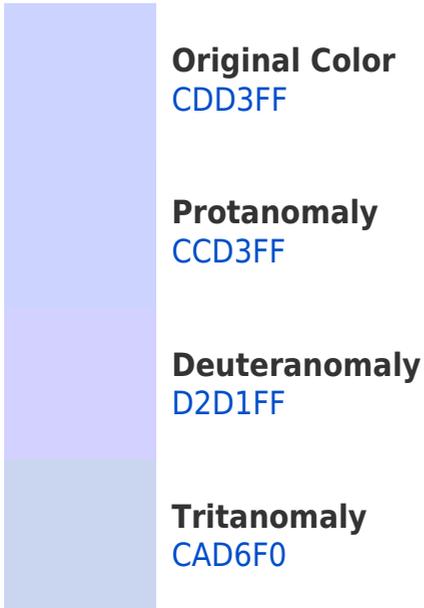
**Protanopia**  
CCD3FF

**Deuteranopia**  
D5D0FF



**Tritanopia**  
C9D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDD3FF 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 #CDD3FF looks like.

```
.text, #text, p{  
    color:#CDD3FF  
}
```

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 #CDD3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDD3FF }  
}
```

## Border

The CSS property to change the border of an element to Hex CDD3FF 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 #CDD3FF }  
}
```

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

```
.border{ border-color:#CDD3FF }
```

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

Here you see how a box with a 4 pixel #CDD3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDD3FF; -webkit-box-shadow:4px 4px  
4px 4px #CDD3FF; box-shadow:4px 4px 4px  
4px #CDD3FF }
```

# Background

The CSS property to change the background color of an element to Hex CDD3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDD3FF }
```

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

```
.background{ background-color:#CDD3FF }
```

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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