

Converting Colors

Hex(CDF0FD)

Have a look what the booklet for
Hex(CDF0FD) contains.

Hex(CDF0FD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CDF0FD)

Conversions

Conversions Part 1

Format	Color
Hex	CDF0FD
RGB	205, 240, 253
RGB Percent	80%, 94%, 99%
CMY	0.1961, 0.0588, 0.0078
CMYK	0.19, 0.05, 0.00, 0.01
HSL	196°, 92%, 90%
HSV	196°, 19%, 99%
XYZ	74.0665, 82.3912, 104.9279
YIQ	231.0170, -25.0330, -3.3770

Conversions

Conversions Part 2

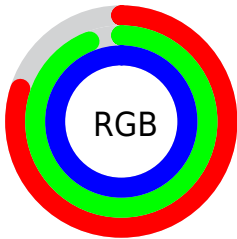
Format	Color
R_{YB}	205, 225, 253
Decimal	13496573
CIE _{Lab}	92.75, -8.62, -10.05
CIE _{LCh}	93, 13.246, 229.373
Yxy	82.3912, 0.2834, 0.3152
Android (android.graphics.Color)	4291686653 (0xFFCDF0FD)
YUV	231.0170, 10.8376, -22.8169
Hunter-Lab	90.7696, -13.1936, -4.9994

Details

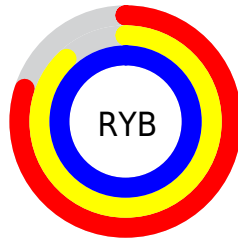
The Hex color **CDF0FD** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FDDACD**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFFF**, and **96B8C4** is the 20% darker color. If you saturate the color by 10%, you get **B4E9FD**, and if you desaturate by 10%, it is **E6F7FD**.

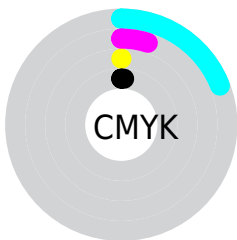
Distribution



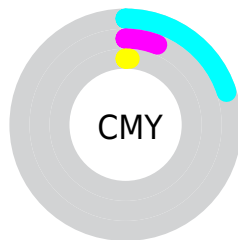
- Red (80%)
- Green (94%)
- Blue (99%)



- Red (80%)
- Yellow (88%)
- Blue (99%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)



- Cyan (20%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDF0FD 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 CDF0FD by changing the saturation by 10% instead.

 CDF0FD

FFFFFF

 CDF0FD

 B1D4E0

 96B8C4

 7C9DA9

 62838F

 496A75

 31525C

 193B45

 00252F

 00101A

 CDF0FD

 CDF0FD

 B4E9FD

 E6F7FD

 9AE2FD

 FFFEFD

 81DBFD

 FFFFFD

 68D5FD

 4FCEFD

 35C7FD

 1CC0FD

 03B9FD

 00B8FD

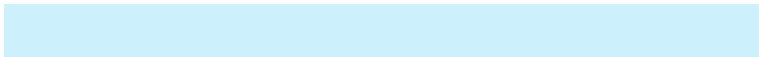
Harmonies

Analogous

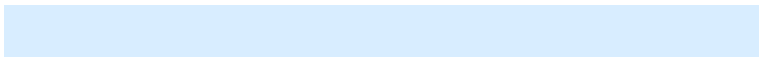
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CBF2F2



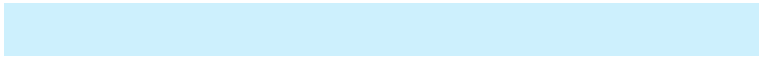
CDF0FD



D8EDFF

Triad

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



CDF0FD



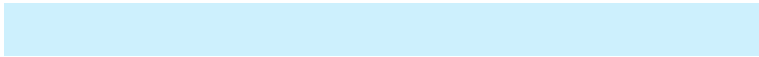
FFE2EF



ECECD2

Complementary

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



CDF0FD



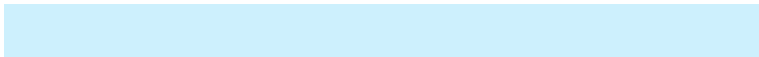
FDDACD

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.



F9E8D1



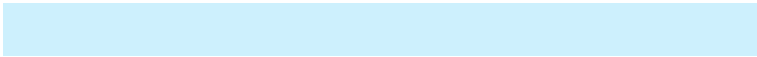
CDF0FD



FFE2E2

Square

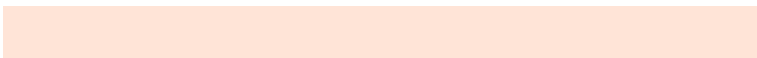
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CDF0FD



F7E4FB



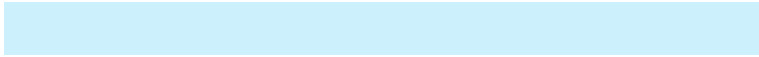
FFE4D7



DDEFD9

Rectangle

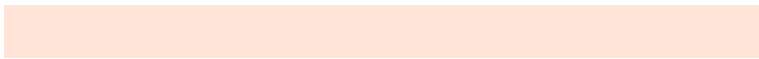
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CDF0FD



E2EAF7



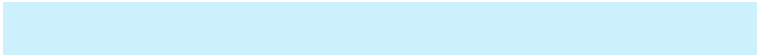
FFE4D7



F1EBD1

Sweetspot

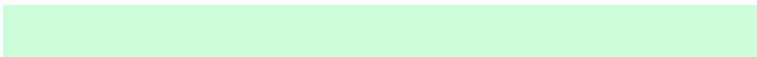
The Sweet Spot groups the original color and five complimentary colors.



CDF0FD



F0FBFF



CDFDDA



777D80



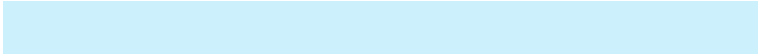
000000



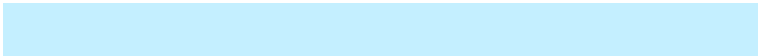
808080

Same Dimension

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



CDF0FD



C4EFFF



CDD8FD



737C80



008BBF



002E40

Inverse Universe

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



FDCDF0



FFC4EF



FDF2CD



80737C



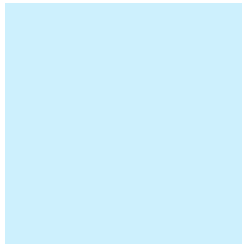
BF008B



40002E

Previews

White Background



This preview shows how the Hex color CDF0FD looks on a white background.

Color Contrast Check

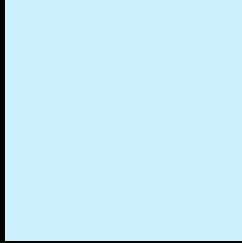
Large Text (above 18pt) WCAG AA × Fail

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 CDF0FD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

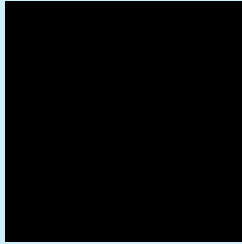
Any Text WCAG AA ✓ Pass

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 CDF0FD Background



This preview shows how black text looks on a background with the Hex color CDF0FD.

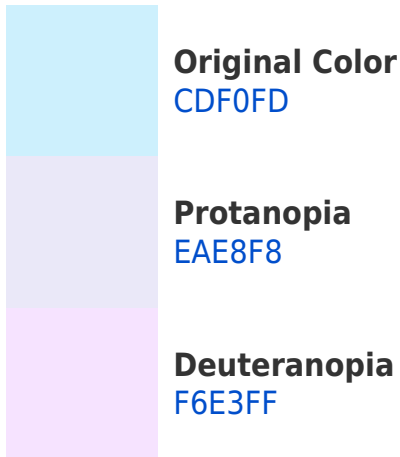


This preview shows how white text looks on a background with the Hex color CDF0FD.

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](#).

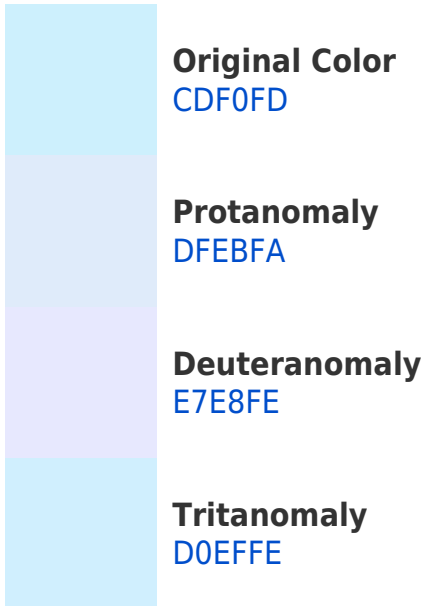
Dichromacy



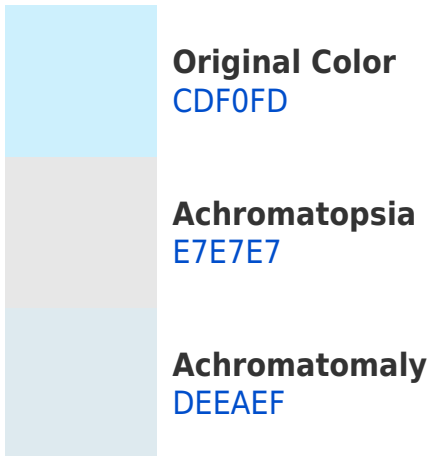


Tritanopia
D2EEFF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDF0FD 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 #CDF0FD looks like.

```
.text, #text, p{  
    color:#CDF0FD  
}
```

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 #CDF0FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDF0FD
}
```

Border

The CSS property to change the border of an element to Hex CDF0FD 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
#CDF0FD }
```

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

```
.border{ border-color:#CDF0FD }
```

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

Here you see how a box with a 4 pixel #CDF0FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDF0FD; -webkit-box-shadow:4px 4px  
4px 4px #CDF0FD; box-shadow:4px 4px 4px  
4px #CDF0FD }
```

Background

The CSS property to change the background color of an element to Hex CDF0FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDF0FD }
```

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

```
.background{ background-color:#CDF0FD }
```

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