

# Converting Colors

Hex(CDFEFF)

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

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# **Color**

**Hex(CDFEFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDFEFF
RGB	205, 254, 255
RGB Percent	80%, 100%, 100%
CMY	0.1961, 0.0039, 0.0000
CMYK	0.20, 0.00, 0.00, 0.00
HSL	181°, 100%, 90%
HSV	181°, 20%, 100%
XYZ	78.6686, 91.0828, 108.0422
YIQ	239.4630, -29.5250, -10.0770

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	205, 230, 255
Decimal	13500159
CIE Lab	96.44, -15.22, -5.61
CIE LCh	96, 16.224, 200.248
Yxy	91.0828, 0.2832, 0.3279
Android (android.graphics.Color)	4291690239 (0xFFCDFEFF)
YUV	239.4630, 7.6597, -30.2241
Hunter-Lab	95.4373, -19.8783, -0.3146

# Details

The Hex color **CDFEFF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFCECD**, and the grayscale version is **EFEFEF**.

A 20% lighter version of the original color is **FFFFFF**, and **96C5C6** is the 20% darker color. If you saturate the color by 10%, you get **B3FDFF**, and if you desaturate by 10%, it is **E7FFFF**.

# Distribution



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



- Red (80%)
- Yellow (90%)
- Blue (100%)



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



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

# Brightness & Saturation Gradients

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



 CDFFEF

FFFFFF

 CDFFEF

 B1E1E2

 96C5C6

 7BAAAB

 618F91

 487677

 2F5D5E

 164547

 002F30

 001B1B

 CDFEFF

 CDFEFF

 B3FDFF

 E7FFFF

 9AFDFF

FFFFFF

 81FCFF

 67FCFF

 4EFBFF

 34FBFF

 1AFAFF

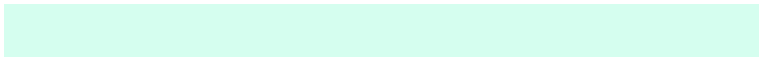
 01FAFF

 00FAFF

# Harmonies

## Analogous

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



D5FEEF



CDFEFF



D0FCFF

# Triad

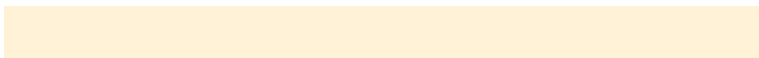
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CDFEFF



FFEEFF



FFF2D6

# Complementary

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



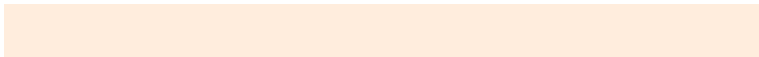
CDFEFF



FFCECD

# 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.



FFEDDD



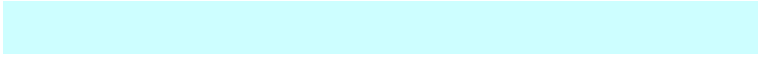
CDFEFF



FFEBFB

# Square

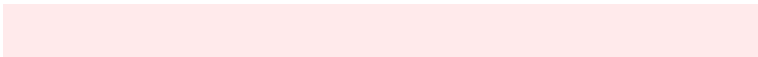
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CDFEFF



F1F2FF



FFEAEB



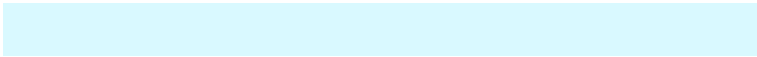
F6F7D7

# Rectangle

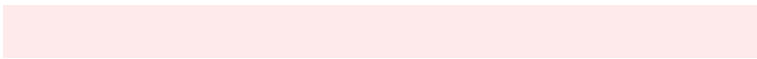
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



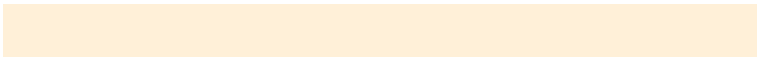
CDFEFF



D9F9FF



FFEAEB



FFF0D8

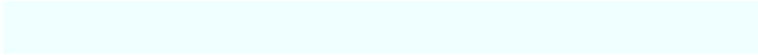


# Sweetspot

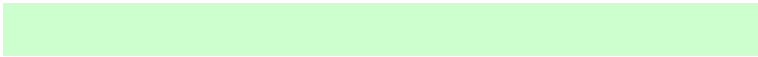
The Sweet Spot groups the original color and five complimentary colors.



CDFEFF



F0FFFF



CDFACE



777F80



000000



808080



# Same Dimension

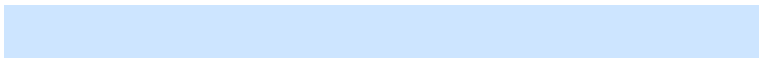
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CDFEFF



C2FEFF



CDE5FF



737F80



00BBBF



003E40



# Inverse Universe

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



FFCDFE



FFC2FE



FFE7CD



80737F



BF00BB

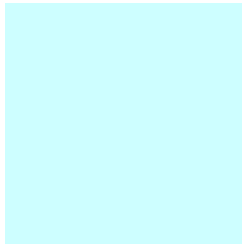


40003E



# Previews

## White Background



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

## Color Contrast Check

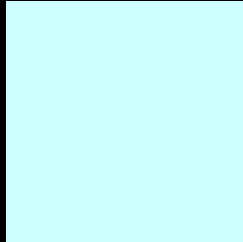
Large Text (above 18pt) WCAG AA × Fail

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 CDFEFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

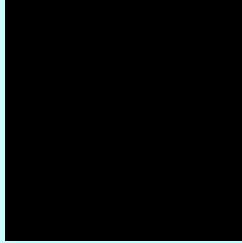
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CDFEFF Background



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

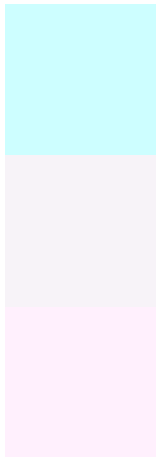


This preview shows how white text looks on a background with the Hex color CDFEFF.

# 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**  
CDFEFF

**Protanopia**  
F7F3F8

**Deuteranopia**  
FFF0FD

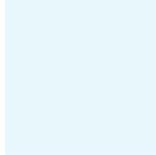


**Tritanopia**  
E7F7FF

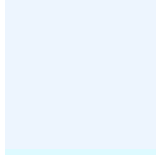
# Trichromacy



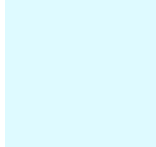
**Original Color**  
CDFEFF



**Protanomaly**  
E8F7FB



**Deuteranomaly**  
EDF5FE

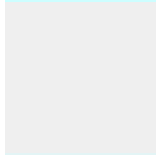


**Tritanomaly**  
DEFAFF

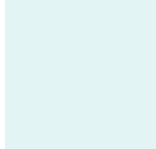
# Monochromacy



**Original Color**  
CDFEFF



**Achromatopsia**  
EFEFEF



**Achromatomaly**  
E3F4F5

# CSS Examples

## Text

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

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

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 #CDFEFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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