

# Converting Colors

Hex(CBFEFF)

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

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# Color

**Hex(CBF EFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBFEFF
RGB	203, 254, 255
RGB Percent	80%, 100%, 100%
CMY	0.2039, 0.0039, 0.0000
CMYK	0.20, 0.00, 0.00, 0.00
HSL	181°, 100%, 90%
HSV	181°, 20%, 100%
XYZ	78.1204, 90.8001, 108.0165
YIQ	238.8650, -30.7170, -10.5010

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 229, 255
Decimal	13369087
CIE <sub>Lab</sub>	96.33, -15.81, -5.80
CIE <sub>LCh</sub>	96, 16.842, 200.142
Yxy	90.8001, 0.2821, 0.3279
Android (android.graphics.Color)	4291559167 (0xFFCBEFF)
YUV	238.8650, 7.9546, -31.4536
Hunter-Lab	95.2891, -20.4171, -0.5068

# Details

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

A 20% lighter version of the original color is **FFFFFF**, and **94C5C6** is the 20% darker color. If you saturate the color by 10%, you get **B2FEFF**, and if you desaturate by 10%, it is **E4FEFF**.

# Distribution



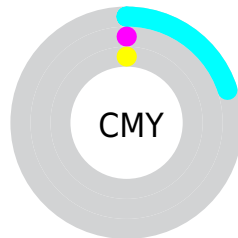
- Red (80%)
- Green (100%)
- Blue (100%)



- 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 CBFEEF 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 CBFEEF by changing the saturation by 10% instead.



 CBFEFF

FFFFFF

 CBFEFF

 AFE1E2

 94C5C6

 79AAAB

 5F8F91

 467677

 2D5D5E

 124547

 002F30

 001B1B

 CBFEFF

 CBFEFF

 B2FEFF

 E4FEFF

 98FDFF

FEFFFF

 7EFDFF

FFFFFF

 65FCFF

 4BFCFF

 32FBFF

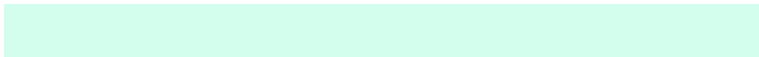
 18FBFF

 00FAFF

# Harmonies

## Analogous

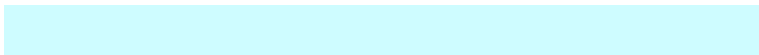
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D3FEEE



CBFEFF



CEFCFF

# Triad

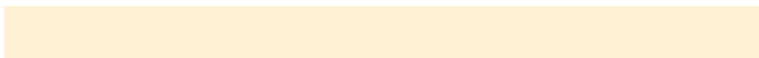
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CBFEFF



FFEDFF



FFF1D5

# Complementary

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



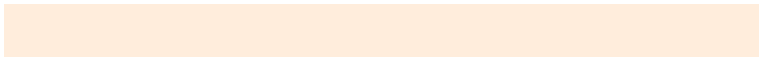
CBFEFF



FFCCCB

# 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.



FFEDDC



CBFEFF



FFEAFB

# Square

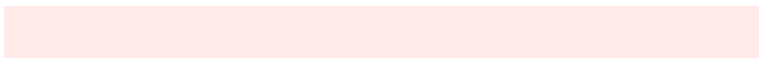
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CBFEFF



F1F2FF



FFEAEA



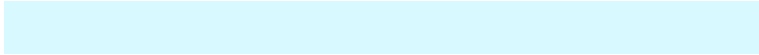
F6F7D6

# Rectangle

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



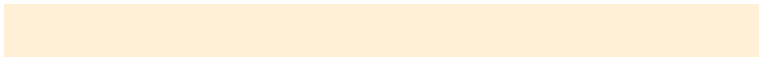
CBFEFF



D7F9FF



FFEAEA



FFF0D6



# Sweetspot

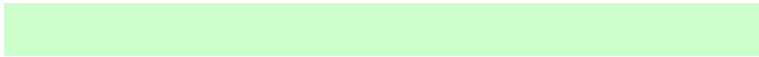
The Sweet Spot groups the original color and five complimentary colors.



CBFEFF



F0FFFF



CBFFCC



777F80



000000



808080



# Same Dimension

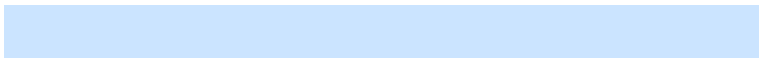
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CBFEFF



C2FEFF



CBE4FF



737F80



00BCBF



003F40



# Inverse Universe

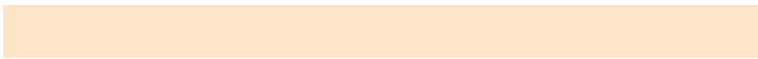
The Inverse Universe completely reimagines the original color for something new.



FFCBFE



FFC2FE



FFE6CB



80737F



BF00BC

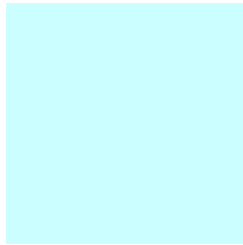


40003F



# Previews

## White Background



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

## Color Contrast Check

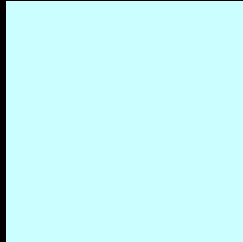
Large Text (above 18pt) WCAG AA × Fail

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 CBFEFF 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 CBFEFF Background



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

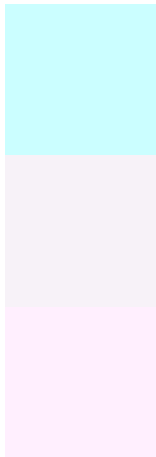


This preview shows how white text looks on a background with the Hex color CBFEFF.

# 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**  
CBFEFF

**Protanopia**  
F7F2F8

**Deuteranopia**  
FFEFE

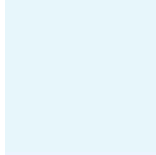


**Tritanopia**  
E6F7FF

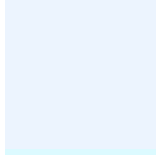
# Trichromacy



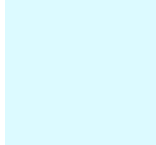
**Original Color**  
CBFEFF



**Protanomaly**  
E7F6FB



**Deuteranomaly**  
ECF4FE

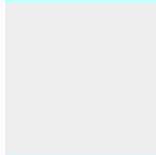


**Tritanomaly**  
DCFAFF

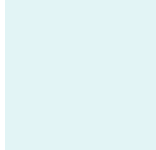
# Monochromacy



**Original Color**  
CBFEFF



**Achromatopsia**  
EFEFEF



**Achromatomaly**  
E2F4F5

# CSS Examples

## Text

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

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

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 #CBFEFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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