

# Converting Colors

Hex(CCF4FF)

Have a look what the booklet for  
Hex(CCF4FF) contains.

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# **Color**

**Hex(CCF4FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCF4FF
RGB	204, 244, 255
RGB Percent	80%, 96%, 100%
CMY	0.2000, 0.0431, 0.0000
CMYK	0.20, 0.04, 0.00, 0.00
HSL	193°, 100%, 90%
HSV	193°, 20%, 100%
XYZ	75.3025, 84.7587, 106.9989
YIQ	233.2940, -27.3710, -5.0590

# Conversions

## Conversions Part 2

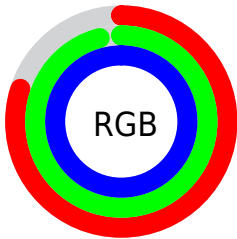
Format	Color
R <sub>Y</sub> B	204, 226, 255
Decimal	13432063
CIE Lab	93.78, -10.53, -9.57
CIE LCh	94, 14.224, 222.260
Yxy	84.7587, 0.2820, 0.3174
Android (android.graphics.Color)	4291622143 (0xFFCCCF4FF)
YUV	233.2940, 10.7011, -25.6908
Hunter-Lab	92.0645, -15.1120, -4.4627

# Details

The Hex color `CCF4FF` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `FFD7CC`, and the grayscale version is `E9E9E9`.

A 20% lighter version of the original color is `FFFFFF`, and `95BCC6` is the 20% darker color. If you saturate the color by 10%, you get `B3EFFF`, and if you desaturate by 10%, it is `E6FAFF`.

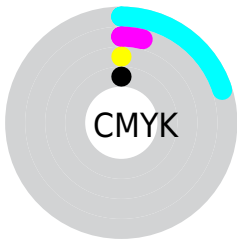
# Distribution



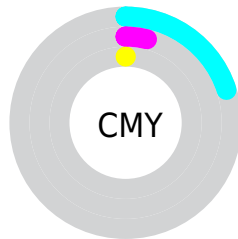
- Red (80%)
- Green (96%)
- Blue (100%)



- Red (80%)
- Yellow (89%)
- Blue (100%)



- Cyan (20%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (4%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCF4FF 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 CCF4FF by changing the saturation by 10% instead.



 CCF4FF

FFFFFF

 CCF4FF

 B0D8E2

 95BCC6

 7BA1AB

 618791

 486D77

 2F555E

 173E47

 002830

 00141B

 CCF4FF

 CCF4FF

 B3EFFF

 E6FAFF

 99E9FF

FFFFFF

 80E4FF

 66DEFF

 4DD9FF

 33D3FF

 19CEFF

 00C8FF

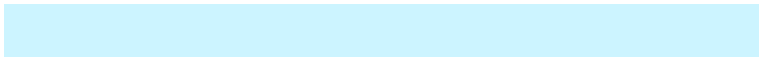
# Harmonies

## Analogous

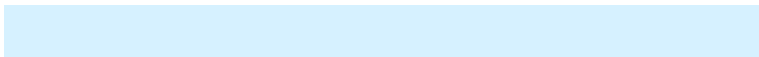
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CCF5F2



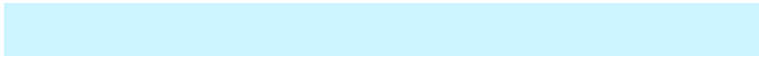
CCF4FF



D6F1FF

# Triad

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



CCF4FF



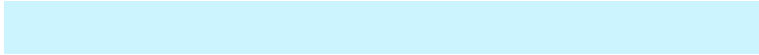
FFE5F6



F2EED2

# Complementary

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



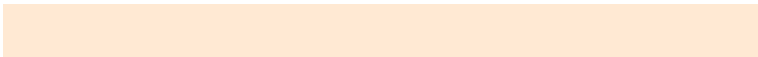
CCF4FF



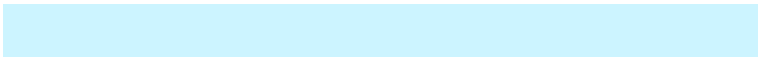
FFD7CC

# 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.



FFE9D3



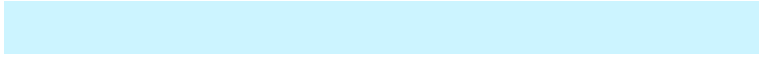
CCF4FF



FFE4E8

# Square

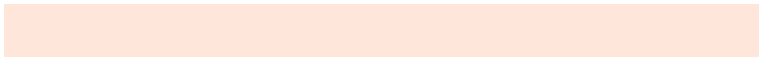
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



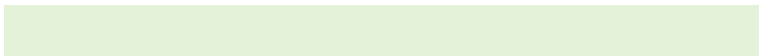
CCF4FF



F7E8FF



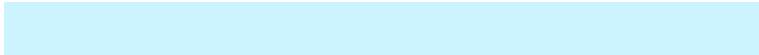
FFE6DB



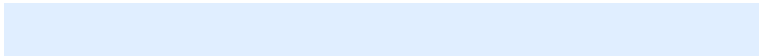
E3F2D9

# Rectangle

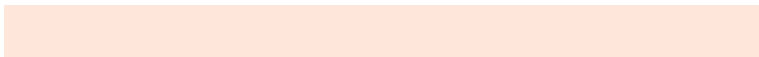
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



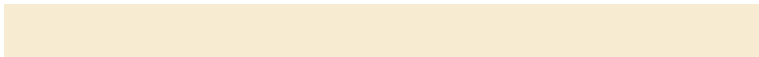
CCF4FF



E0EEFF



FFE6DB

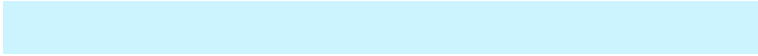


F7ECD2

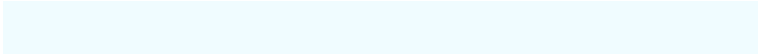


# Sweetspot

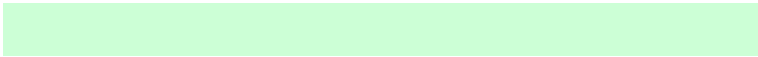
The Sweet Spot groups the original color and five complimentary colors.



CCF4FF



F0FCFF



CCFFD6



777E80



000000

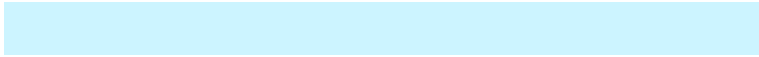


808080

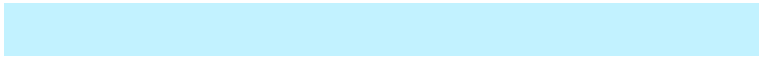


# Same Dimension

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



CCF4FF



C2F2FF



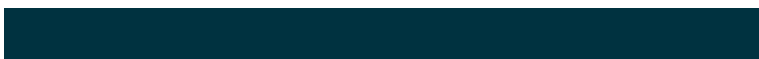
CCDBFF



737D80



0096BF



003240



# Inverse Universe

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



FFCCF4



FFC2F2



FFF0CC



80737D



BF0096

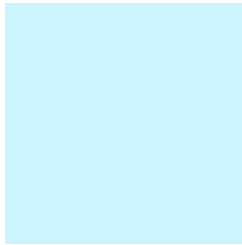


400032



# Previews

## White Background



This preview shows how the Hex color CCF4FF looks on a white background.

## Color Contrast Check

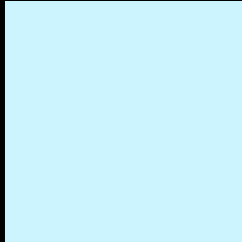
Large Text (above 18pt) WCAG AA × Fail

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 CCF4FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

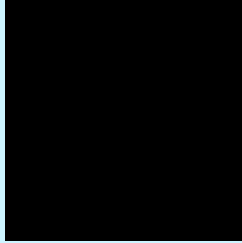
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

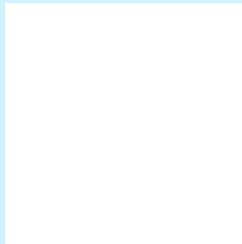
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CCF4FF Background



This preview shows how black text looks on a background with the Hex color CCF4FF.

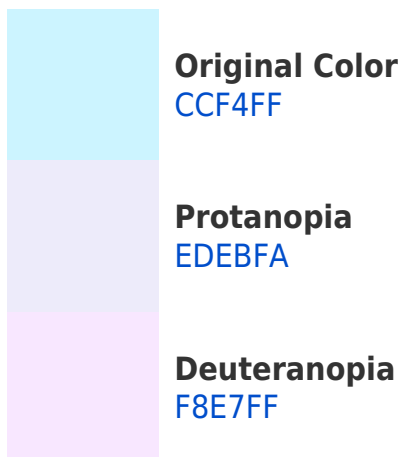


This preview shows how white text looks on a background with the Hex color CCF4FF.

# 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](#).

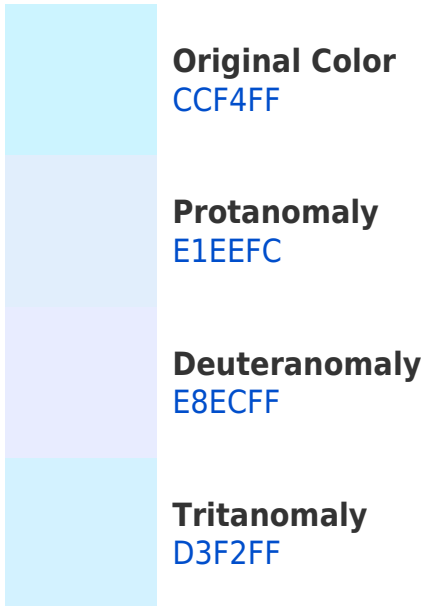
## Dichromacy



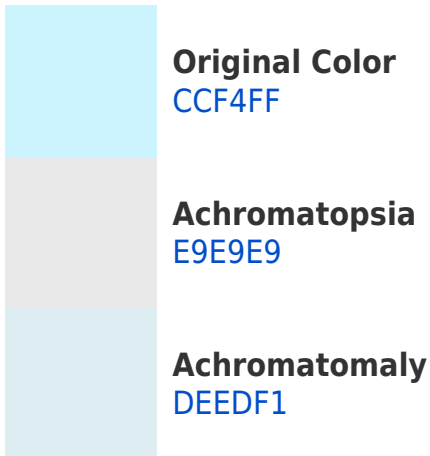


**Tritanopia**  
D7F1FF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCF4FF 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 #CCF4FF looks like.

```
.text, #text, p{  
    color:#CCF4FF  
}
```

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 #CCF4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCF4FF
}
```

## Border

The CSS property to change the border of an element to Hex CCF4FF 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
#CCF4FF }
```

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

```
.border{ border-color:#CCF4FF }
```

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

Here you see how a box with a 4 pixel #CCF4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCF4FF; -webkit-box-shadow:4px 4px  
4px 4px #CCF4FF; box-shadow:4px 4px 4px  
4px #CCF4FF }
```

# Background

The CSS property to change the background color of an element to Hex CCF4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCF4FF }
```

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

```
.background{ background-color:#CCF4FF }
```

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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