

# Converting Colors

Hex(CEE4FF)

Have a look what the booklet for  
Hex(CEE4FF) contains.

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# **Color**

**Hex(CEE4FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEE4FF
RGB	206, 228, 255
RGB Percent	81%, 89%, 100%
CMY	0.1922, 0.1059, 0.0000
CMYK	0.19, 0.11, 0.00, 0.00
HSL	213°, 100%, 90%
HSV	213°, 19%, 100%
XYZ	71.2470, 75.8286, 105.4890
YIQ	224.5000, -21.7790, 3.7330

# Conversions

## Conversions Part 2

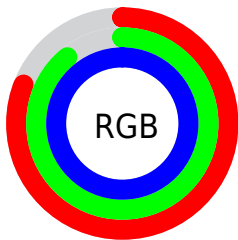
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 221, 255
Decimal	13559039
CIE Lab	89.78, -1.75, -15.52
CIE LCh	90, 15.619, 263.574
Yxy	75.8286, 0.2821, 0.3002
Android (android.graphics.Color)	4291749119 (0xFFCEE4FF)
YUV	224.5000, 15.0365, -16.2245
Hunter-Lab	87.0796, -6.3438, -10.8687

# Details

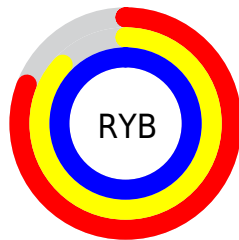
The Hex color **CEE4FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFE9CE**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFFF**, and **97ADC6** is the 20% darker color. If you saturate the color by 10%, you get **B4D6FF**, and if you desaturate by 10%, it is **E8F2FF**.

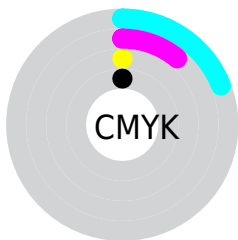
# Distribution



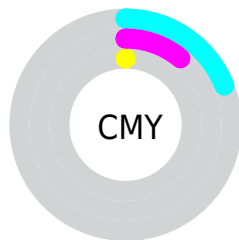
- Red (81%)
- Green (89%)
- Blue (100%)



- Red (81%)
- Yellow (87%)
- Blue (100%)



- Cyan (19%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEE4FF 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 CEE4FF by changing the saturation by 10% instead.



■ CEE4FF

FFFFFF

■ CEE4FF

■ B2C8E2

■ 97ADC6

■ 7D92AB

■ 637890

■ 4B6077

■ 33485E

■ 1B3246

■ 021D30

■ 00011B

CEE4FF

CEE4FF

B4D6FF

E8F2FF

9BC8FF

FFFFFF

82BAFF

68ACFF

4F9EFF

3590FF

1B82FF

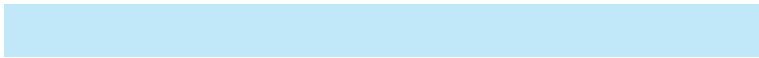
0274FF

0072FF

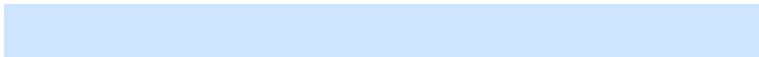
# Harmonies

## Analogous

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



C0E8F9



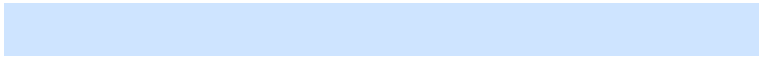
CEE4FF



E1DFFD

# Triad

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



CEE4FF



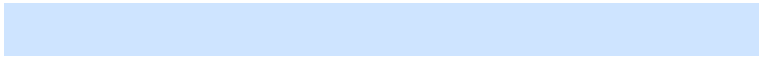
FFD8D6



DOE8D0

# Complementary

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



CEE4FF



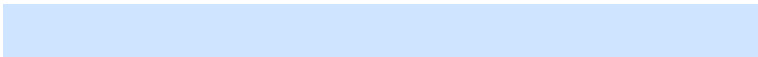
FFE9CE

# 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.



E1E4C6



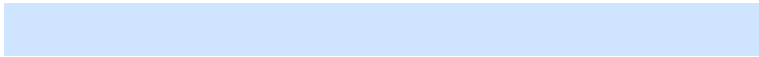
CEE4FF



FDDBCA

# Square

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



CEE4FF



FED8E6



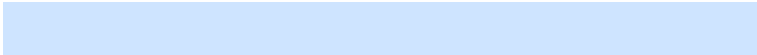
F1E0C4



C2EADE

# Rectangle

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



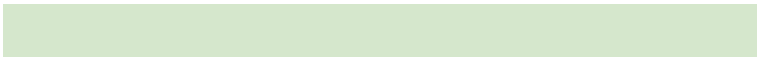
CEE4FF



EDDCF7



F1E0C4

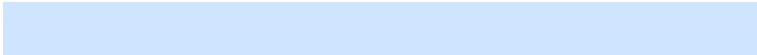


D5E7CC



# Sweetspot

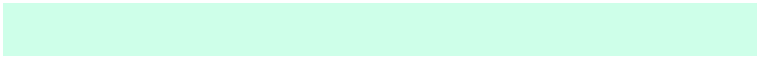
The Sweet Spot groups the original color and five complimentary colors.



CEE4FF



F0F7FF



CEFFE9



777B80



000000

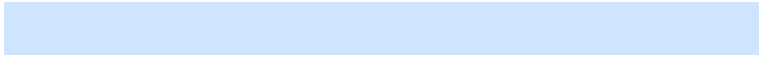


808080

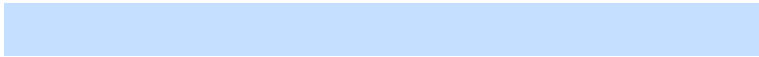


# Same Dimension

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



CEE4FF



C4DFFF



D0CEFF



737880



0056BF



001D40



# Inverse Universe

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



FFCEE4



FFC4DF



FDFICE



807378



BF0056

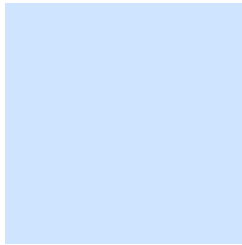


40001D



# Previews

## White Background



This preview shows how the Hex color CEE4FF looks on a white background.

## Color Contrast Check

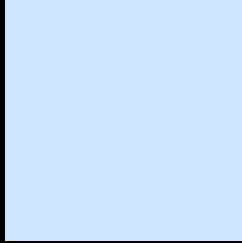
Large Text (above 18pt) WCAG AA × Fail

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 CEE4FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

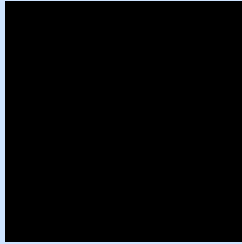
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

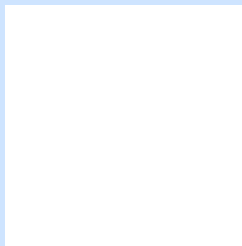
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEE4FF Background



This preview shows how black text looks on a background with the Hex color CEE4FF.



This preview shows how white text looks on a background with the Hex color CEE4FF.

# Color Blindness Simulation

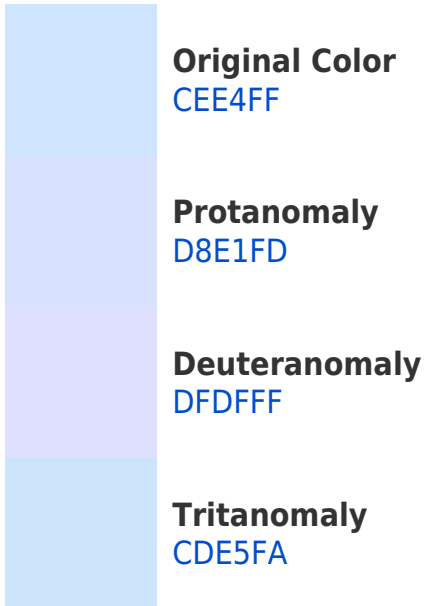
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEE4FF 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 #CEE4FF looks like.

```
.text, #text, p{  
    color:#CEE4FF  
}
```

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 #CEE4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEE4FF }  
}
```

## Border

The CSS property to change the border of an element to Hex CEE4FF 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 #CEE4FF }  
}
```

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

```
.border{ border-color:#CEE4FF }
```

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

Here you see how a box with a 4 pixel #CEE4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEE4FF; -webkit-box-shadow:4px 4px  
4px 4px #CEE4FF; box-shadow:4px 4px 4px  
4px #CEE4FF }
```

# Background

The CSS property to change the background color of an element to Hex CEE4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEE4FF }
```

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

```
.background{ background-color:#CEE4FF }
```

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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