

# Converting Colors

Hex(C4EBFF)

Have a look what the booklet for  
Hex(C4EBFF) contains.

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# **Color**

**Hex(C4EBFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4EBFF
RGB	196, 235, 255
RGB Percent	77%, 92%, 100%
CMY	0.2314, 0.0784, 0.0000
CMYK	0.23, 0.08, 0.00, 0.00
HSL	200°, 100%, 88%
HSV	200°, 23%, 100%
XYZ	70.5233, 78.3724, 106.0182
YIQ	225.6190, -29.6640, -2.0480

# Conversions

## Conversions Part 2

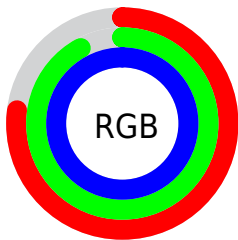
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	196, 219, 255
Decimal	12905471
CIE Lab	90.95, -8.33, -13.83
CIE LCh	91, 16.151, 238.935
Yxy	78.3724, 0.2767, 0.3074
Android (android.graphics.Color)	4291095551 (0xFFC4EBFF)
YUV	225.6190, 14.4848, -25.9759
Hunter-Lab	88.5282, -12.7278, -9.0338

# Details

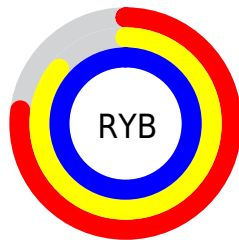
The Hex color **C4EBFF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFD8C4**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FDFFFF**, and **8DB3C6** is the 20% darker color. If you saturate the color by 10%, you get **ABE2FF**, and if you desaturate by 10%, it is **DEF4FF**.

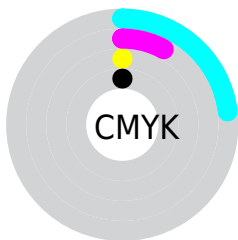
# Distribution



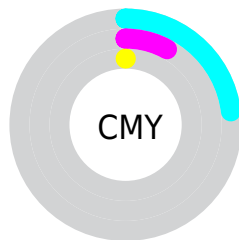
- Red (77%)
- Green (92%)
- Blue (100%)



- Red (77%)
- Yellow (86%)
- Blue (100%)



- Cyan (23%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (8%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4EBFF 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 C4EBFF by changing the saturation by 10% instead.



 C4EBFF

 C4EBFF

FFFFFF

 A8CFE2

FDFFFF

 8DB3C6

 7398AB

 597F90

 406677

 274E5E

 0B3746

 002130

 00081B

 C4EBFF

 C4EBFF

 ABE2FF

 DEF4FF

 91DAFF

 F7FCFF

 78D1FF

FFFFFF

 5EC8FF

 45C0FF

 2BB7FF

 12AEFF

 00A9FF

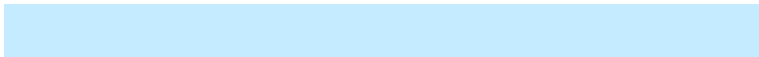
# Harmonies

## Analogous

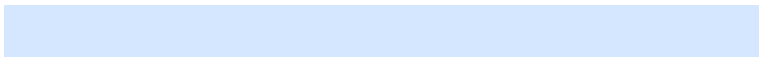
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BEEEF3



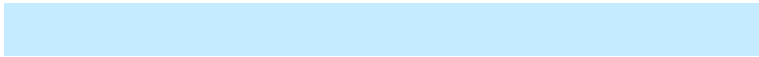
C4EBFF



D4E7FF

# Triad

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



C4EBFF



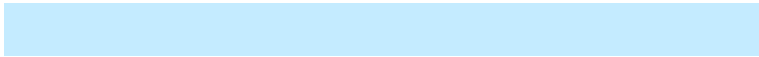
FFDBE6



E1E9CA

# Complementary

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



C4EBFF



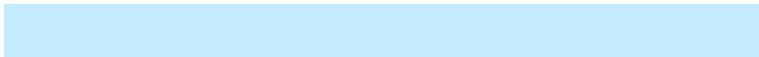
FFD8C4

# 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.



F2E4C6



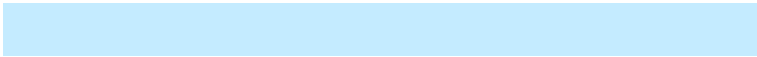
C4EBFF



FFDBD7

# Square

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



C4EBFF



F9DDF5



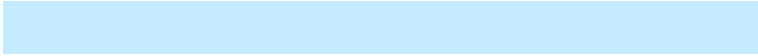
FFDFCB



D0ECD5

# Rectangle

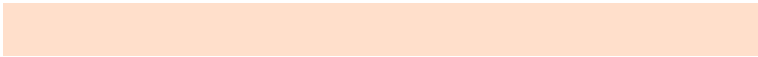
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C4EBFF



E1E3FF



FFDFCB

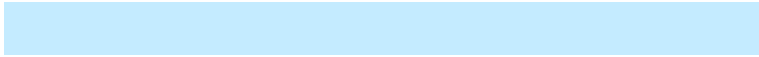


E7E7C8

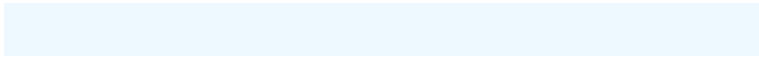


# Sweetspot

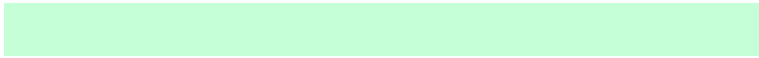
The Sweet Spot groups the original color and five complimentary colors.



C4EBFF



EDF9FF



C4FFD8



757C80



000000

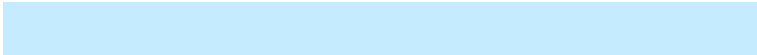


808080

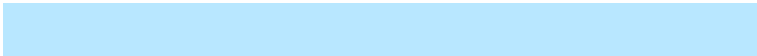


# Same Dimension

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



C4EBFF



B8E7FF



C4CEFF



737B80



007EBF



002A40



# Inverse Universe

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



FFC4EB



FFB8E7



FFF5C4



80737B



BF007E

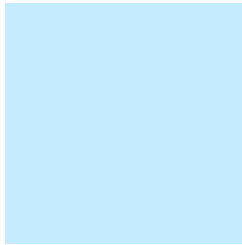


40002A



# Previews

## White Background



This preview shows how the Hex color C4EBFF looks on a white background.

## Color Contrast Check

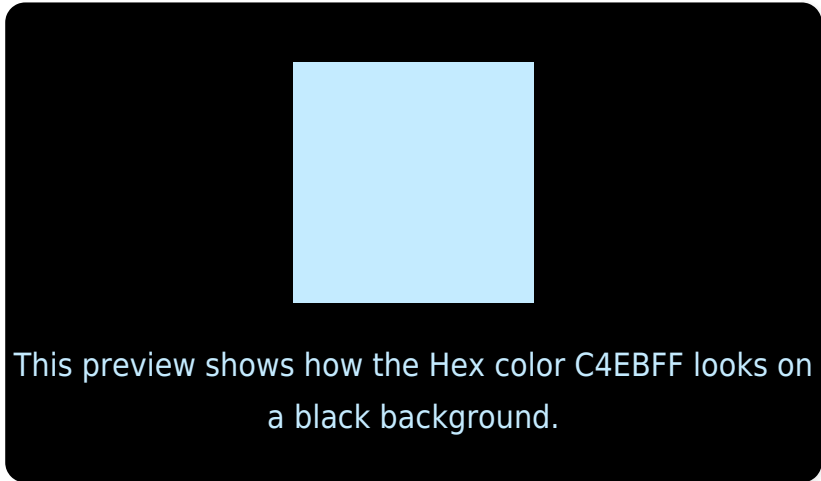
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

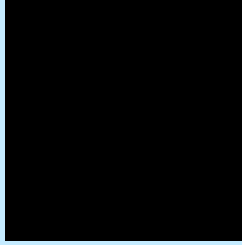
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

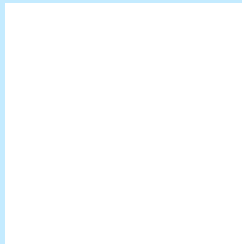
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4EBFF Background



This preview shows how black text looks on a background with the Hex color C4EBFF.



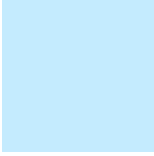
This preview shows how white text looks on a background with the Hex color C4EBFF.

# 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](#).

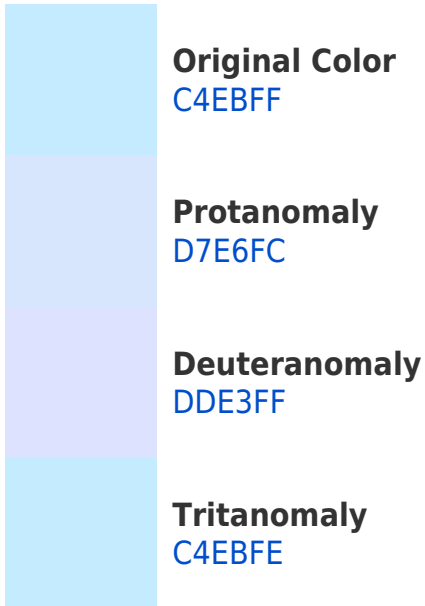
## Dichromacy



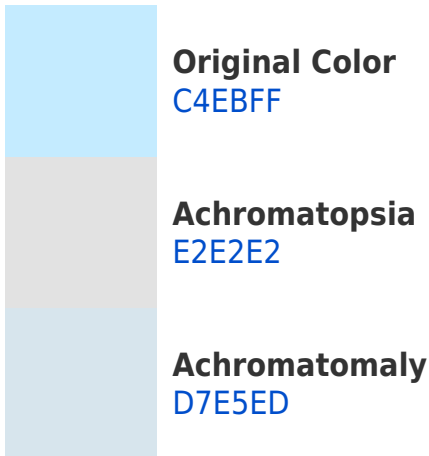


**Tritanopia**  
C4EBFE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4EBFF 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 #C4EBFF looks like.

```
.text, #text, p{  
    color:#C4EBFF  
}
```

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 #C4EBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4EBFF
}
```

## Border

The CSS property to change the border of an element to Hex C4EBFF 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
#C4EBFF }
```

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

```
.border{ border-color:#C4EBFF }
```

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

Here you see how a box with a 4 pixel #C4EBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4EBFF; -webkit-box-shadow:4px 4px  
4px 4px #C4EBFF; box-shadow:4px 4px 4px  
4px #C4EBFF }
```

# Background

The CSS property to change the background color of an element to Hex C4EBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4EBFF }
```

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

```
.background{ background-color:#C4EBFF }
```

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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