

# Converting Colors

Hex(CBEFFE)

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

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# **Color**

**Hex(CBEFFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBEFFE
RGB	203, 239, 254
RGB Percent	80%, 94%, 100%
CMY	0.2039, 0.0627, 0.0039
CMYK	0.20, 0.06, 0.00, 0.00
HSL	198°, 96%, 90%
HSV	198°, 20%, 100%
XYZ	73.3845, 81.5853, 105.6457
YIQ	229.9460, -26.2710, -2.9670

# Conversions

## Conversions Part 2

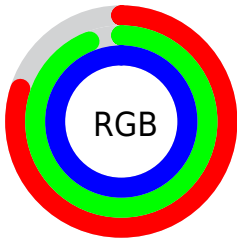
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 224, 254
Decimal	13365246
CIE Lab	92.39, -8.51, -11.12
CIE LCh	92, 13.998, 232.569
Yxy	81.5853, 0.2816, 0.3130
Android (android.graphics.Color)	4291555326 (0xFFCBEFFE)
YUV	229.9460, 11.8586, -23.6316
Hunter-Lab	90.3246, -13.0451, -6.1198

# Details

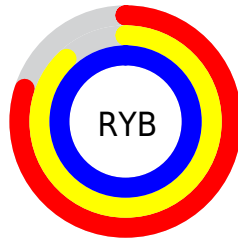
The Hex color **CBEFFE** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FEDACB**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF**, and **94B7C5** is the 20% darker color. If you saturate the color by 10%, you get **B2E8FE**, and if you desaturate by 10%, it is **E4F6FE**.

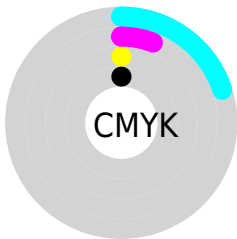
# Distribution



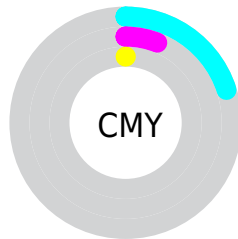
- Red (80%)
- Green (94%)
- Blue (100%)



- Red (80%)
- Yellow (88%)
- Blue (100%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 CBEFFE

FFFFFF

 CBEFFE

 AFD3E1

 94B7C5

 7A9CAA

 608290

 476976

 2F515D

 163A46

 00242F

 00101B

 CBEFFE

 CBEFFE

 B2E8FE

 E4F6FE

 98E0FE

 FEFEFE

 7FD9FE

 FFFFFE

 65D1FE

 4CCAFE

 33C2FE

 19BBFE

 00B3FE

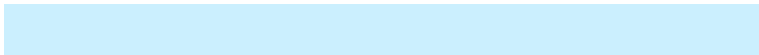
# Harmonies

## Analogous

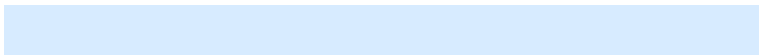
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C7F1F3



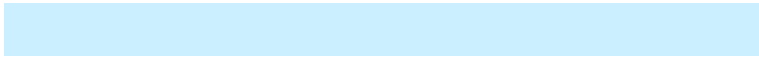
CBEFFE



D7EBFF

# Triad

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



CBEFFE



FFE0ED



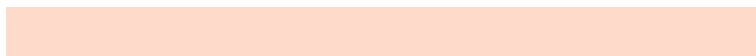
E9EBD0

# Complementary

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



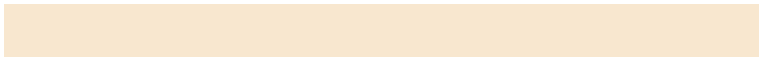
CBEFFE



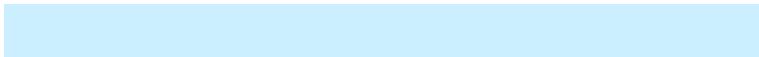
FEDACB

# 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.



F8E7CF



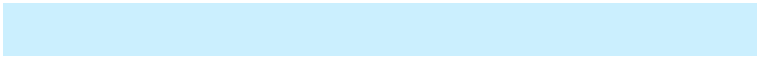
CBEFFE



FFE0DF

# Square

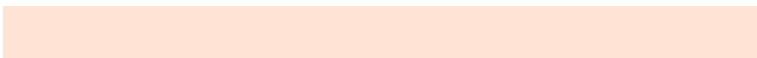
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



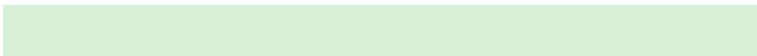
CBEFFE



F8E3FA



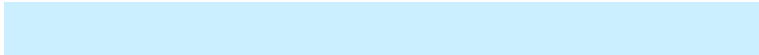
FFE3D4



DAEFD8

# Rectangle

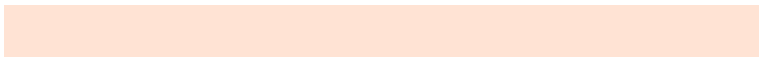
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CBEFFE



E2E8FF



FFE3D4

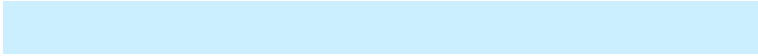


EEEACF

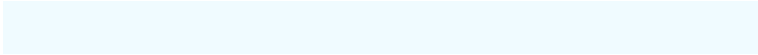


# Sweetspot

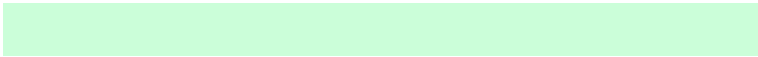
The Sweet Spot groups the original color and five complimentary colors.



CBEFFE



F0FBFF



CBFED9



777D80



000000

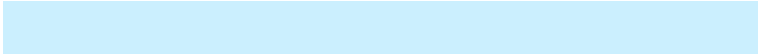


808080

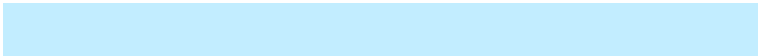


# Same Dimension

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



CBEFFE



C2EDFF



CBD6FE



737C80



0087BF



002D40



# Inverse Universe

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



FECBEF



FFC2ED



FEF3CB



80737C



BF0087

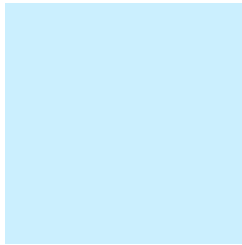


40002D



# Previews

## White Background



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

## Color Contrast Check

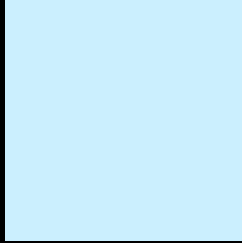
Large Text (above 18pt) WCAG AA × Fail

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 CBEFFE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

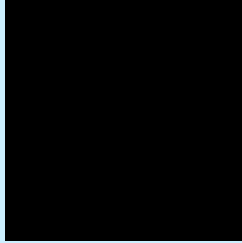
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBEFFE Background



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

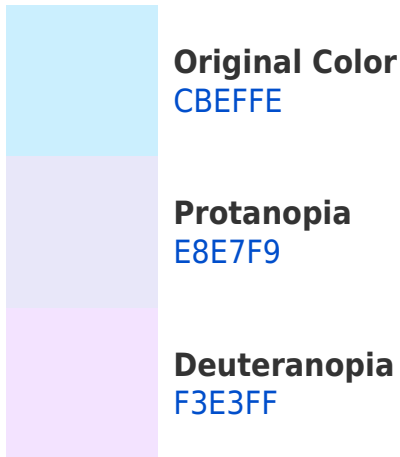


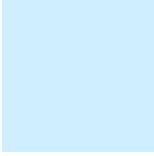
This preview shows how white text looks on a background with the Hex color CBEFFE.

# 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](#).

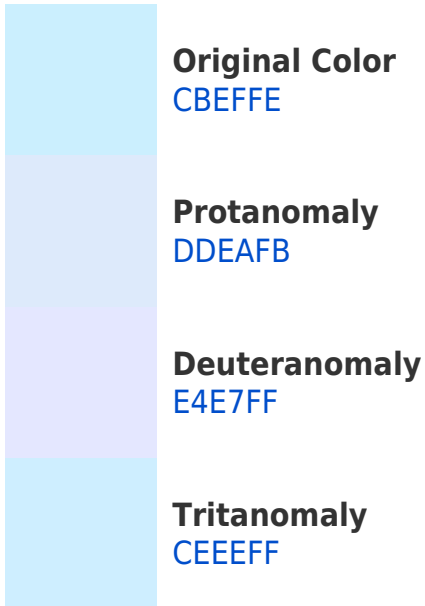
## Dichromacy



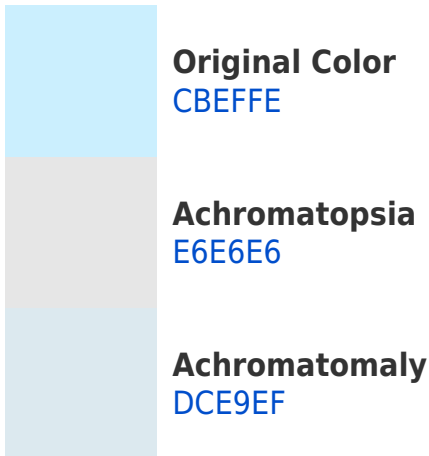


**Tritanopia**  
CFEEFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #CBEFFE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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