

# Converting Colors

Hex(CCEBFE)

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

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# **Color**

**Hex(CCEBFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCEBFE
RGB	204, 235, 254
RGB Percent	80%, 92%, 100%
CMY	0.2000, 0.0784, 0.0039
CMYK	0.20, 0.07, 0.00, 0.00
HSL	203°, 96%, 90%
HSV	203°, 20%, 100%
XYZ	72.4996, 79.4098, 105.2724
YIQ	227.8970, -24.5750, -0.6630

# Conversions

## Conversions Part 2

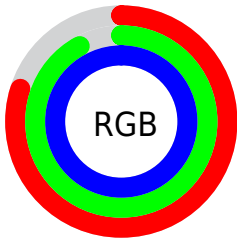
Format	Color
<a href="#">RYB</a>	<a href="#">204, 223, 254</a>
Decimal	<a href="#">13429758</a>
CIELab	<a href="#">91.42, -6.17, -12.56</a>
CIELCh	<a href="#">91, 13.992, 243.837</a>
Yxy	<a href="#">79.4098, 0.2819, 0.3088</a>
Android (android.graphics.Color)	<a href="#">4291619838</a> ( <a href="#">0xFFCCEBFE</a> )
YUV	<a href="#">227.8970, 12.8688, -20.9577</a>
Hunter-Lab	<a href="#">89.1122, -10.7229, -7.6636</a>

# Details

The Hex color **CCEBFE** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FEDFCC**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFFFF**, and **95B3C5** is the 20% darker color. If you saturate the color by 10%, you get **B3E1FE**, and if you desaturate by 10%, it is **E5F5FE**.

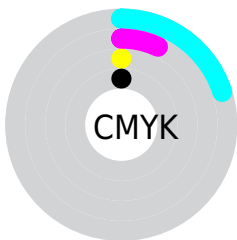
# Distribution



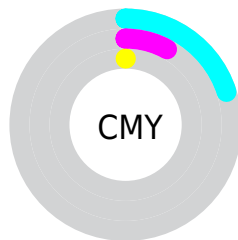
- Red (80%)
- Green (92%)
- Blue (100%)



- Red (80%)
- Yellow (87%)
- Blue (100%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 CCEBFE

 CCEBFE

FFFFFF

 B0CFE1

 95B3C5

 7B99AA

 617F90

 486676

 304E5D

 183746

 00222F

 000B1B

 CCEBFE

 CCEBFE

 B3E1FE

 E5F5FE

 99D8FE

 FFFEFE

 80CEFE


 FFFFFE

 66C4FE

 4DBBFE

 34B1FE

 1AA7FE

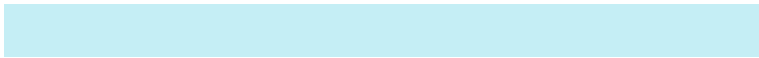
 019EFE

 009DFE

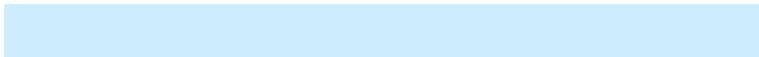
# Harmonies

## Analogous

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



C5EEF5



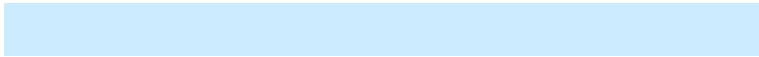
CCEBFE



DAE7FF

# Triad

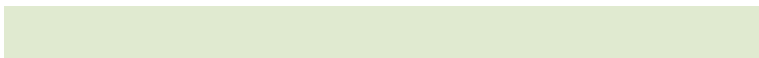
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CCEBFE



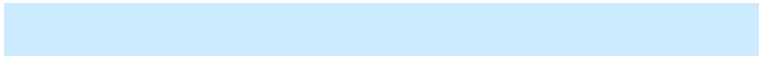
FFDDE5



E0EAD0

# Complementary

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



CCEBFE



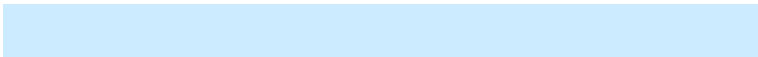
FEDFCC

# 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.



F0E6CC



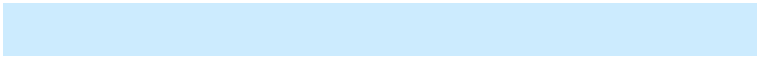
CCEBFE



FFDED8

# Square

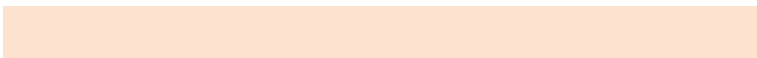
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



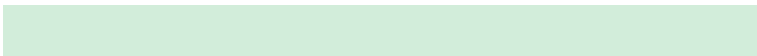
CCEBFE



FADFF2



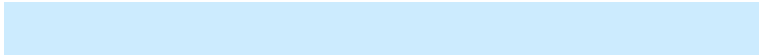
FCE2CF



D2EDDA

# Rectangle

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



CCEBFE



E6E4FF



FCE2CF

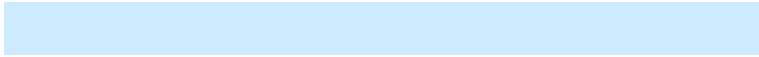


E6E9CE

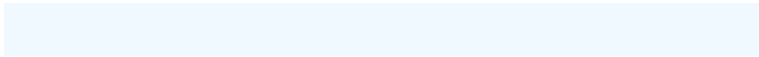


# Sweetspot

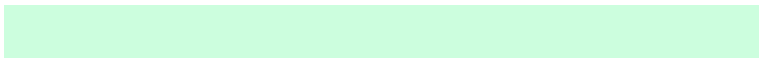
The Sweet Spot groups the original color and five complimentary colors.



CCEBFE



F0F9FF



CCFEDE



777C80



000000

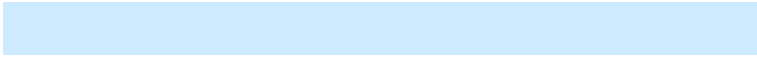


808080

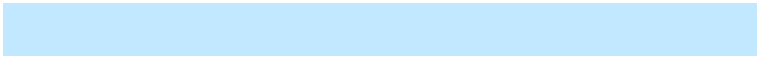


# Same Dimension

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



CCEBFE



C2E8FF



CCD3FE



737B80



0077BF



002840



# Inverse Universe

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



FECCEB



FFC2E8



FEF7CC



80737B



BF0077

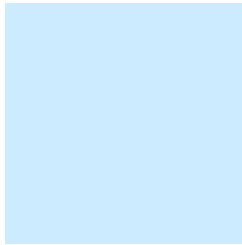


400028



# Previews

## White Background



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

## Color Contrast Check

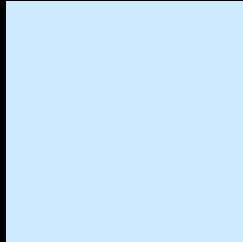
Large Text (above 18pt) WCAG AA × Fail

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 CCEBFE 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

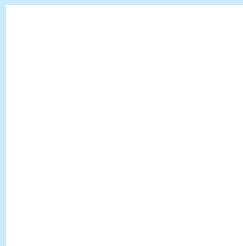
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CCEBFE Background



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



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

# Color Blindness Simulation

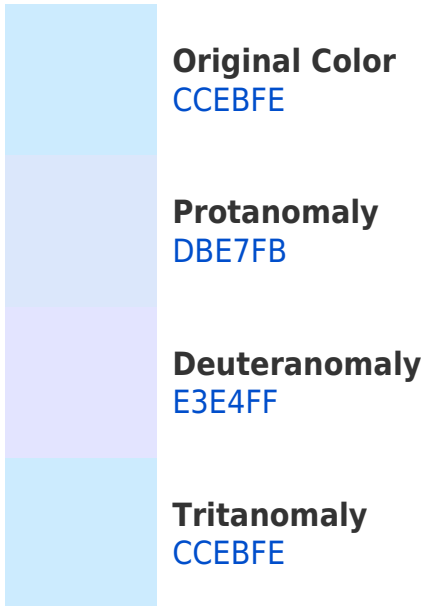
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

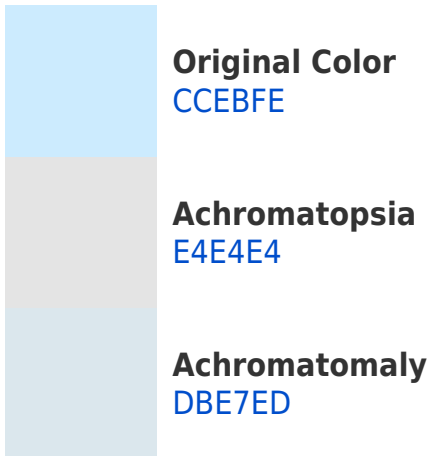




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #CCEBFE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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