

# Converting Colors

Hex(CAEBFE)

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

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# **Color**

**Hex(CAEBFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAEBFE
RGB	202, 235, 254
RGB Percent	79%, 92%, 100%
CMY	0.2078, 0.0784, 0.0039
CMYK	0.20, 0.07, 0.00, 0.00
HSL	202°, 96%, 89%
HSV	202°, 20%, 100%
XYZ	71.9548, 79.1290, 105.2469
YIQ	227.2990, -25.7670, -1.0870

# Conversions

## Conversions Part 2

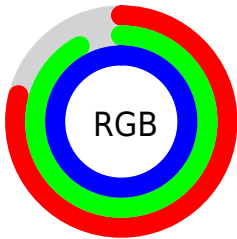
Format	Color
R <sub>YB</sub>	202, 222, 254
Decimal	13298686
CIE <sub>Lab</sub>	91.29, -6.77, -12.76
CIE <sub>LCh</sub>	91, 14.446, 242.053
Yxy	79.1290, 0.2807, 0.3087
Android (android.graphics.Color)	4291488766 (0xFFCAEBFE)
YUV	227.2990, 13.1636, -22.1872
Hunter-Lab	88.9545, -11.2825, -7.8811

# Details

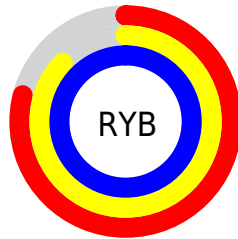
The Hex color **CAEBFE** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FEDDCA**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFFF**, and **93B3C5** is the 20% darker color. If you saturate the color by 10%, you get **B1E2FE**, and if you desaturate by 10%, it is **E3F4FE**.

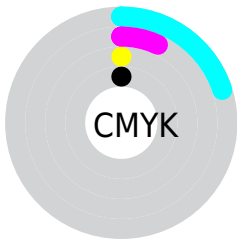
# Distribution



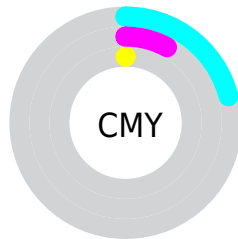
- Red (79%)
- Green (92%)
- Blue (100%)



- Red (79%)
- Yellow (87%)
- Blue (100%)



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



- Cyan (21%)
- Magenta (8%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



■ CAEBFE

FFFFFF

■ CAEBFE

■ AECFE1

■ 93B3C5

■ 7999AA

■ 5F7F90

■ 466676

■ 2E4E5D

■ 163746

■ 00222F

■ 000A1B

 CAEBFE

 CAEBFE

 B1E2FE

 E3F4FE

 97D8FE

 FDFEFE

 7ECFFE

 FFFFFE

 64C6FE

 4BBDFE

 32B3FE

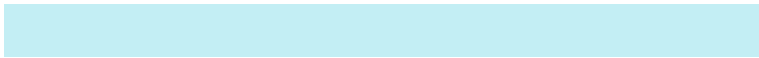
 18AAFE

 00A1FE

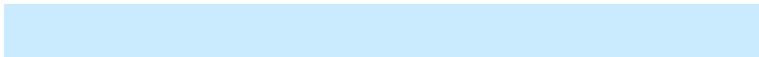
# Harmonies

## Analogous

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



C3EEF4



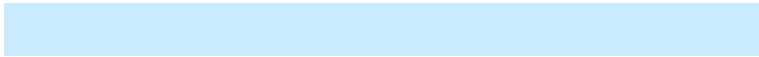
CAEBFE



D9E7FF

# Triad

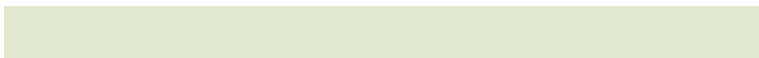
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CAEBFE



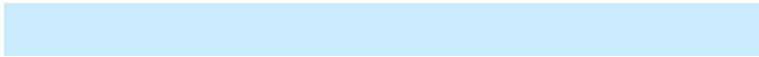
FFDDE6



E1EACE

# Complementary

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



CAEBFE



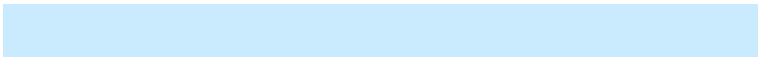
FEDDCA

# 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.



F1E5CB



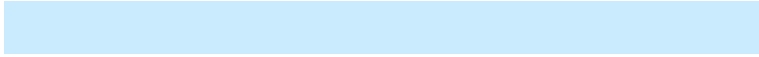
CAEBFE



FFDED8

# Square

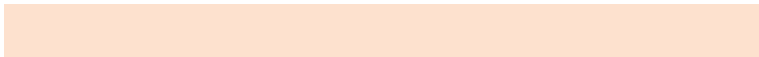
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CAEBFE



F9DEF3



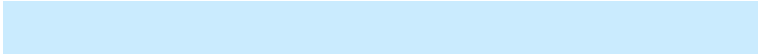
FDE1CE



D1EDD9

# Rectangle

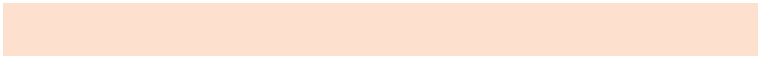
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CAEBFE



E4E4FF



FDE1CE

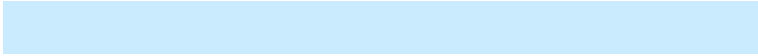


E6E8CC

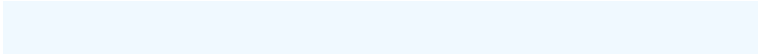


# Sweetspot

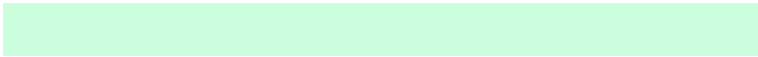
The Sweet Spot groups the original color and five complimentary colors.



CAEBFE



F0F9FF



CAFEDC



777C80



000000

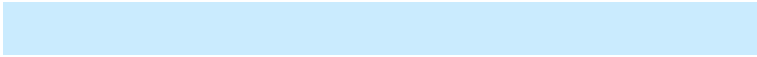


808080

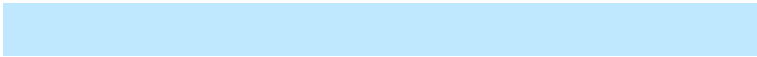


# Same Dimension

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



CAEBFE



BFE8FF



CAD2FE



737B80



0079BF



002840



# Inverse Universe

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



FECAEB



FFBFE8



FEF6CA



80737B



BF0079

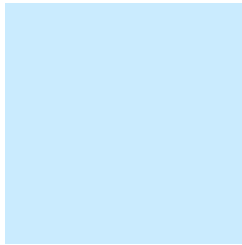


400028



# Previews

## White Background



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

## Color Contrast Check

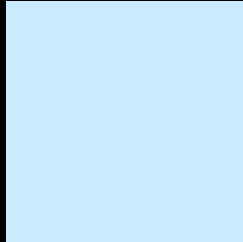
Large Text (above 18pt) WCAG AA × Fail

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 CAEBFE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

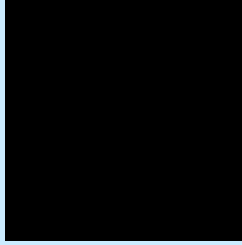
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

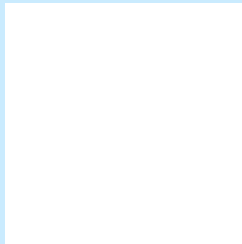
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CAEBFE Background



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

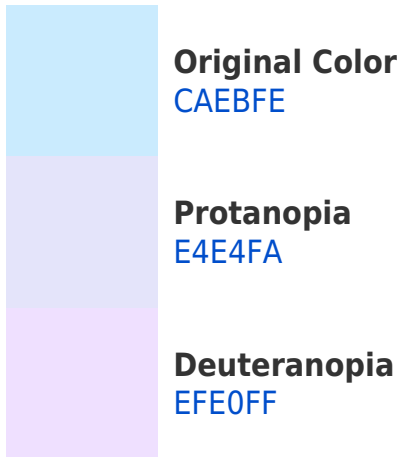


This preview shows how white text looks on a background with the Hex color CAEBFE.

# Color Blindness Simulation

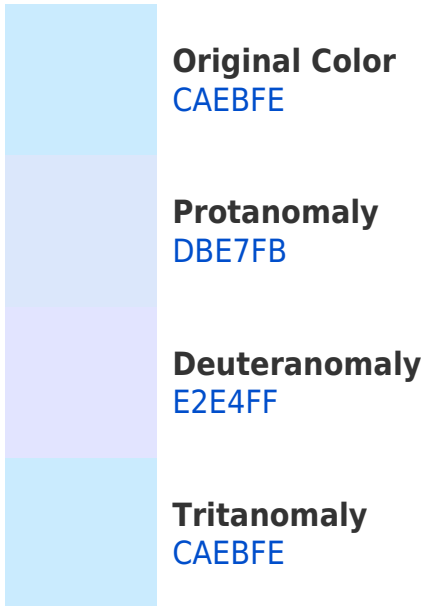
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

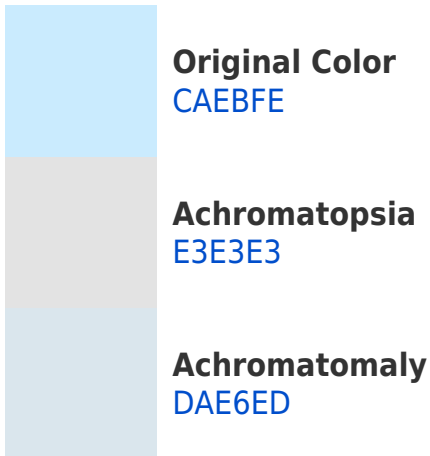




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #CAEBFE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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