

# Converting Colors

Hex(CAE9FF)

Have a look what the booklet for  
Hex(CAE9FF) contains.

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# **Color**

**Hex(CAE9FF)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | CAE9FF                     |
| RGB         | 202, 233, 255              |
| RGB Percent | 79%, 91%, 100%             |
| CMY         | 0.2078, 0.0863, 0.0000     |
| CMYK        | 0.21, 0.09, 0.00, 0.00     |
| HSL         | 205°, 100%, 90%            |
| HSV         | 205°, 21%, 100%            |
| XYZ         | 71.5460, 78.0544, 105.9029 |
| YIQ         | 226.2390, -25.5380, 0.2700 |

# Conversions

## Conversions Part 2

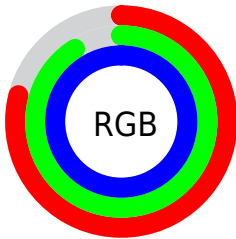
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 202, 222, 255                  |
| Decimal                             | 13298175                       |
| CIE Lab                             | 90.80, -5.53, -14.01           |
| CIE LCh                             | 91, 15.065, 248.457            |
| Yxy                                 | 78.0544, 0.2800,<br>0.3055     |
| Android<br>(android.graphics.Color) | 4291488255<br>(0xFFCAE9FF)     |
| YUV                                 | 226.2390, 14.1792,<br>-21.2576 |
| Hunter-Lab                          | 88.3484, -10.0573,<br>-9.2268  |

# Details

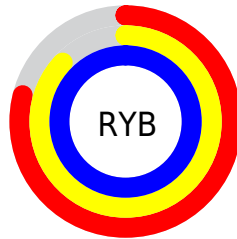
The Hex color **CAE9FF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFE0CA**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFFF**, and **93B1C6** is the 20% darker color. If you saturate the color by 10%, you get **B1DEFF**, and if you desaturate by 10%, it is **E3F4FF**.

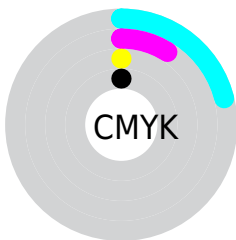
# Distribution



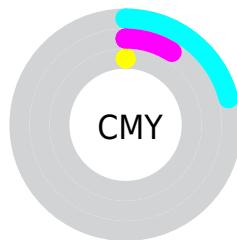
- Red (79%)
- Green (91%)
- Blue (100%)



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



- Cyan (21%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAE9FF 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 CAE9FF by changing the saturation by 10% instead.



■ CAE9FF

FFFFFF

■ CAE9FF

■ AECDE2

■ 93B1C6

■ 7997AB

■ 5F7D90

■ 466477

■ 2E4C5E

■ 163546

■ 002030

■ 00071B

 CAE9FF

 CAE9FF

 B1DEFF

 E3F4FF

 97D4FF

 FDFEFF

 7DC9FF

 FFFFFFFF

 64BFFF

 4BB4FF

 31A9FF

 189FFF

 0095FF

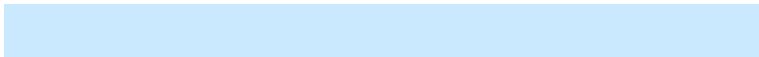
# Harmonies

## Analogous

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



C1ECF6



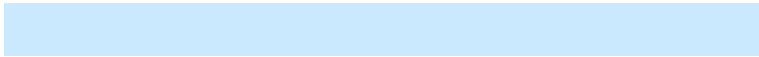
CAE9FF



DAE4FF

# Triad

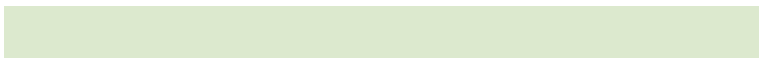
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CAE9FF



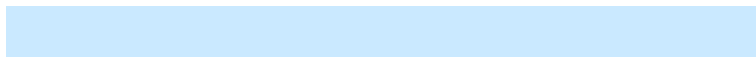
FFDBE1



DCE9CE

# Complementary

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



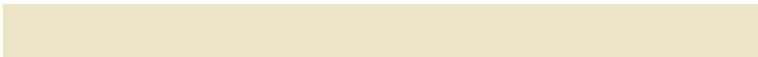
CAE9FF



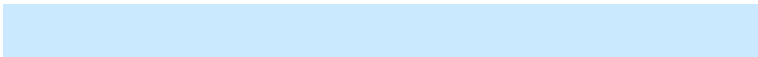
FFE0CA

# Split Complementary

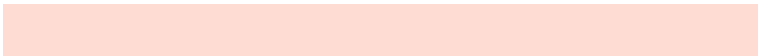
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



ECE5C8



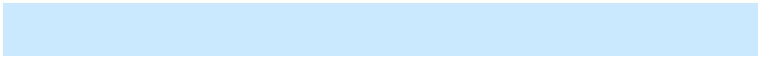
CAE9FF



FFDCD3

# Square

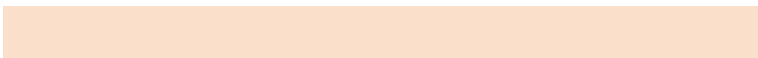
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CAE9FF



FBDCF0



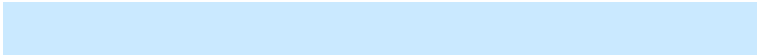
FAE0CA



CCECDA

# Rectangle

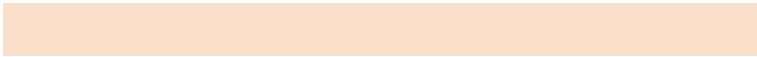
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CAE9FF



E7E1FE



FAE0CA

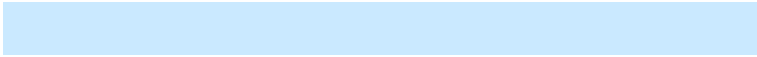


E1E8CB

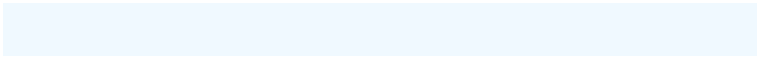


# Sweetspot

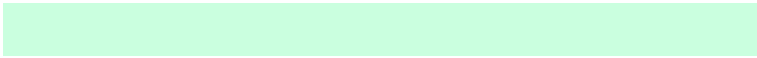
The Sweet Spot groups the original color and five complimentary colors.



CAE9FF



F0F9FF



CAFFDF



777C80



000000

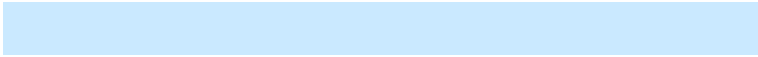


808080

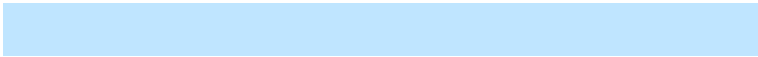


# Same Dimension

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



CAE9FF



BFE5FF



CACFFF



737A80



0070BF



002540



# Inverse Universe

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



FFCAE9



FFBFE5



FFFACA



80737A



BF0070

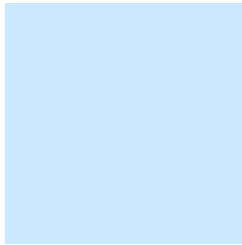


400025



# Previews

## White Background



This preview shows how the Hex color CAE9FF looks on a white background.

## Color Contrast Check

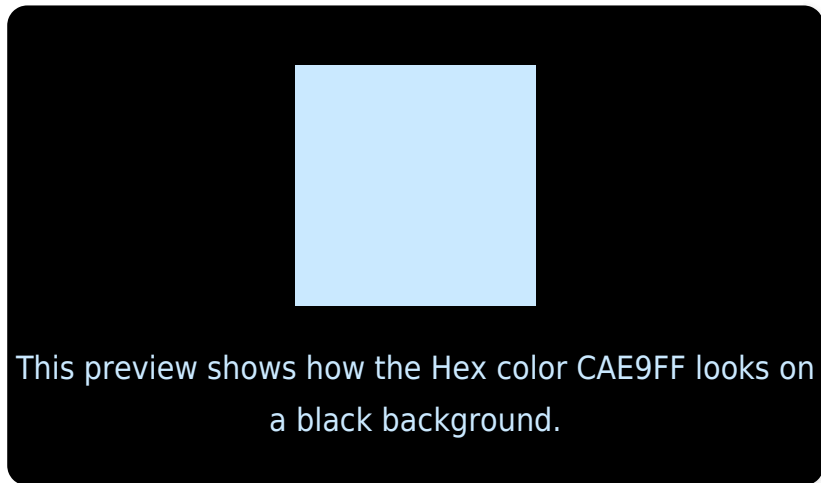
Large Text (above 18pt) WCAG AA × Fail

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

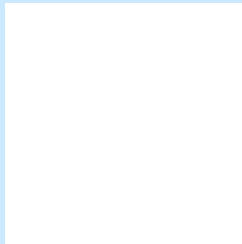
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CAE9FF Background



This preview shows how black text looks on a background with the Hex color CAE9FF.

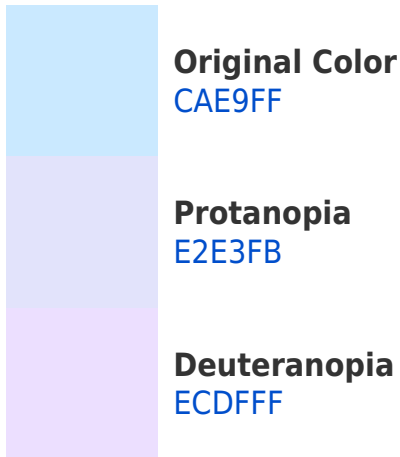


This preview shows how white text looks on a background with the Hex color CAE9FF.

# 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](#).

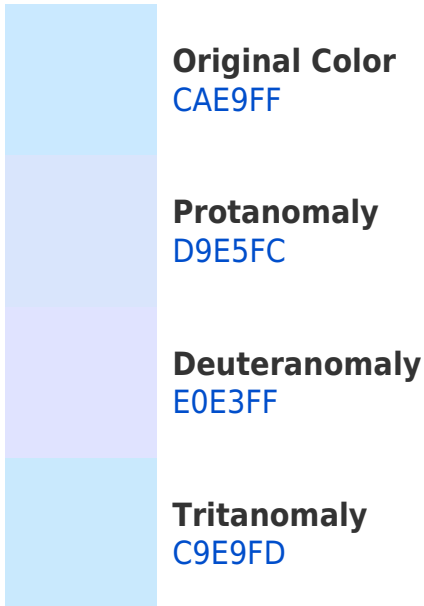
## Dichromacy



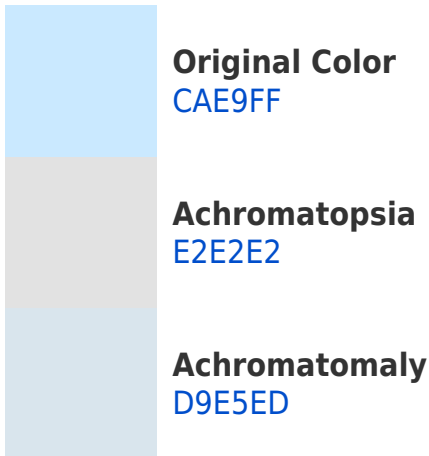


**Tritanopia**  
C9E9FC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAE9FF 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 #CAE9FF looks like.

```
.text, #text, p{  
    color:#CAE9FF  
}
```

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 #CAE9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAE9FF
}
```

## Border

The CSS property to change the border of an element to Hex CAE9FF 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
#CAE9FF }
```

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

```
.border{ border-color:#CAE9FF }
```

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

Here you see how a box with a 4 pixel #CAE9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAE9FF; -webkit-box-shadow:4px 4px  
4px 4px #CAE9FF; box-shadow:4px 4px 4px  
4px #CAE9FF }
```

# Background

The CSS property to change the background color of an element to Hex CAE9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAE9FF }
```

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

```
.background{ background-color:#CAE9FF }
```

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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