

# Converting Colors

Hex(CAF2FA)

Have a look what the booklet for  
Hex(CAF2FA) contains.

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# **Color**

**Hex(CAF2FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAF2FA
RGB	202, 242, 250
RGB Percent	79%, 95%, 98%
CMY	0.2078, 0.0510, 0.0196
CMYK	0.19, 0.03, 0.00, 0.02
HSL	190°, 83%, 89%
HSV	190°, 19%, 98%
XYZ	73.3646, 82.9629, 102.5892
YIQ	230.9520, -26.4080, -5.9920

# Conversions

## Conversions Part 2

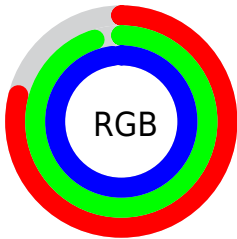
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 224, 250
Decimal	13300474
CIE Lab	93.00, -11.17, -8.14
CIE LCh	93, 13.818, 216.100
Yxy	82.9629, 0.2834, 0.3204
Android (android.graphics.Color)	4291490554 (0xFFCAF2FA)
YUV	230.9520, 9.3907, -25.3909
Hunter-Lab	91.0840, -15.6223, -3.0204

# Details

The Hex color **CAF2FA** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FAD2CA**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFFF**, and **93BAC2** is the 20% darker color. If you saturate the color by 10%, you get **B1EEFA**, and if you desaturate by 10%, it is **E3F6FA**.

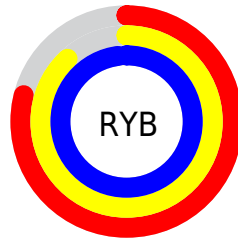
# Distribution



Red (79%)

Green (95%)

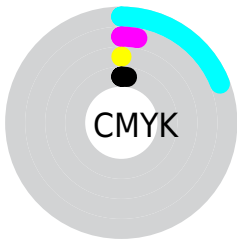
Blue (98%)



Red (79%)

Yellow (88%)

Blue (98%)

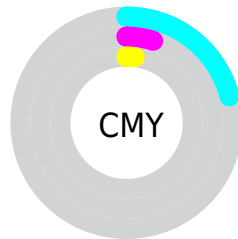


Cyan (19%)

Magenta (3%)

Yellow (0%)

Black (2%)



Cyan (21%)

Magenta (5%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAF2FA 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 CAF2FA by changing the saturation by 10% instead.



CAF2FA

CAF2FA

FFFFFF

AED6DD

93BAC2

799FA6

5F858C

466B73

2E535A

153C43

00262C

001218

CAF2FA

CAF2FA

B1EEFA

E3F6FA

98EAFA

FCFAFA

7FE5FA

FFFFFFA

66E1FA

4DDDFFA

34D9FA

1BD5FA

02D1FA

00D0FA

# Harmonies

## Analogous

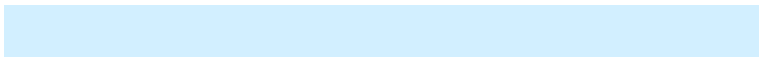
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CCF3ED



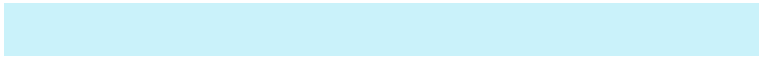
CAF2FA



D2EFFF

# Triad

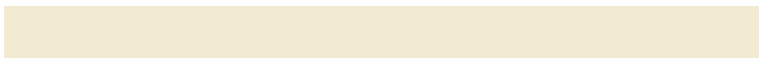
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CAF2FA



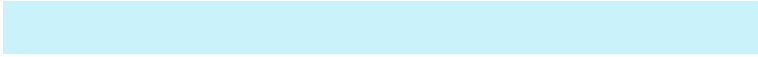
FFE3F6



F3EBD1

# Complementary

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



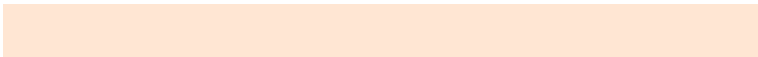
CAF2FA



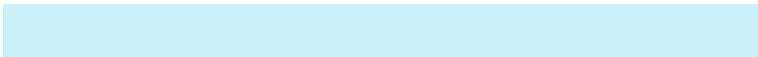
FAD2CA

# 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.



FFE6D3



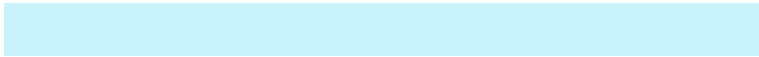
CAF2FA



FFE2E9

# Square

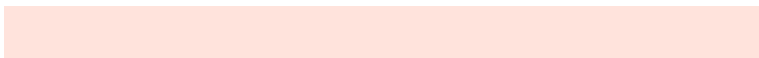
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



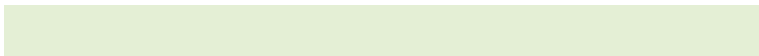
CAF2FA



F1E7FF



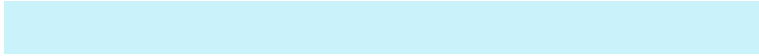
FFE3DC



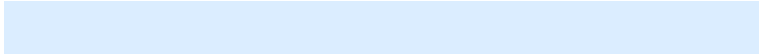
E4EFD5

# Rectangle

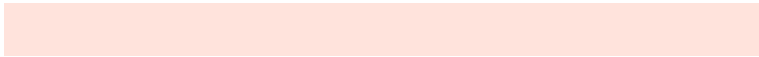
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



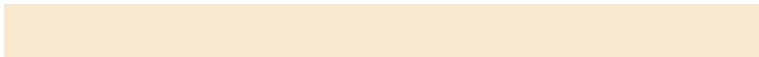
CAF2FA



DBEDFF



FFE3DC

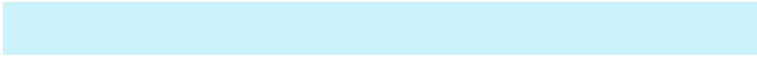


F8E9D1

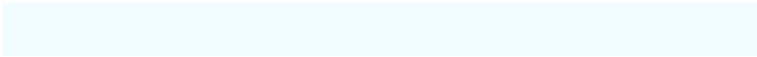


# Sweetspot

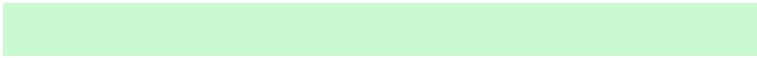
The Sweet Spot groups the original color and five complimentary colors.



CAF2FA



F0FCFF



CAFAD2



777E80



000000

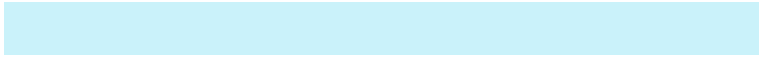


808080

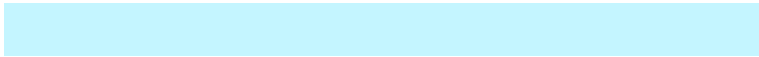


# Same Dimension

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



CAF2FA



C4F5FF



CADAFA



707B7D



009DBD



00333D



# Inverse Universe

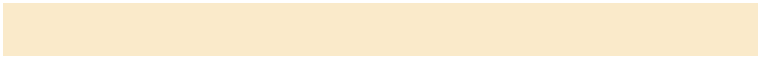
The Inverse Universe completely reimagines the original color for something new.



FACAF2



FFC4F5



FAEACA



7D707B



BD009D

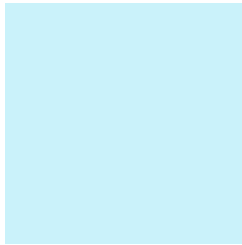


3D0033



# Previews

## White Background



This preview shows how the Hex color CAF2FA looks on a white background.

## Color Contrast Check

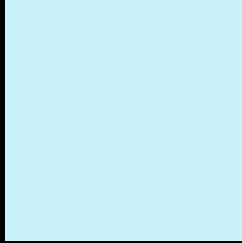
Large Text (above 18pt) WCAG AA × Fail

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 CAF2FA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

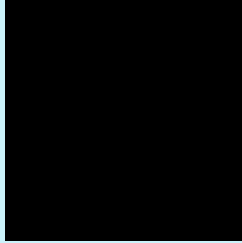
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CAF2FA Background



This preview shows how black text looks on a background with the Hex color CAF2FA.

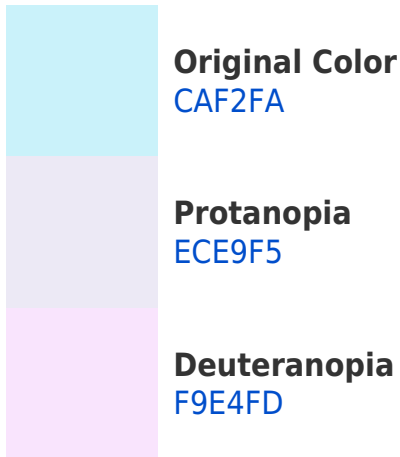


This preview shows how white text looks on a background with the Hex color CAF2FA.

# 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](#).

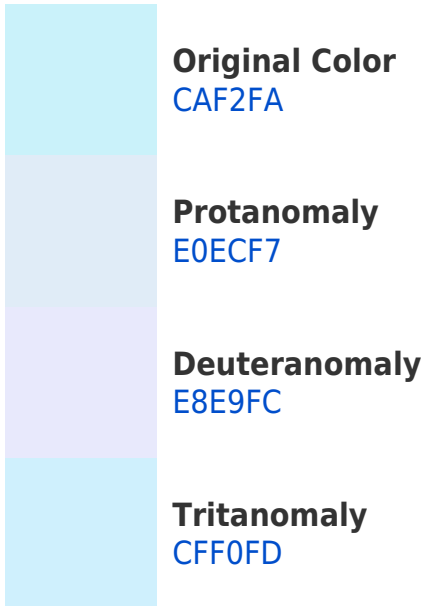
## Dichromacy



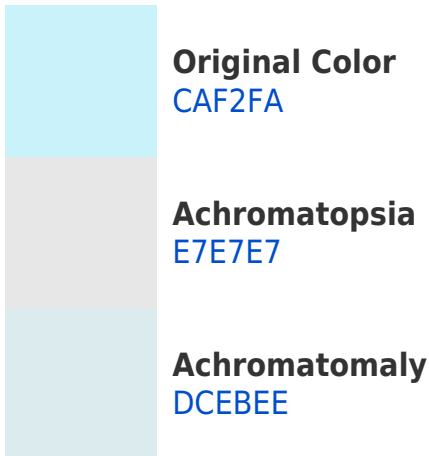


**Tritanopia**  
D2EFFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAF2FA 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 #CAF2FA looks like.

```
.text, #text, p{  
    color:#CAF2FA  
}
```

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 #CAF2FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAF2FA
}
```

## Border

The CSS property to change the border of an element to Hex CAF2FA 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
#CAF2FA }
```

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

```
.border{ border-color:#CAF2FA }
```

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

Here you see how a box with a 4 pixel #CAF2FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAF2FA; -webkit-box-shadow:4px 4px  
4px 4px #CAF2FA; box-shadow:4px 4px 4px  
4px #CAF2FA }
```

# Background

The CSS property to change the background color of an element to Hex CAF2FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAF2FA }
```

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

```
.background{ background-color:#CAF2FA }
```

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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