

# Converting Colors

Hex(CAF4F8)

Have a look what the booklet for  
Hex(CAF4F8) contains.

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# **Color**

**Hex(CAF4F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAF4F8
RGB	202, 244, 248
RGB Percent	79%, 96%, 97%
CMY	0.2078, 0.0431, 0.0275
CMYK	0.19, 0.02, 0.00, 0.03
HSL	185°, 77%, 88%
HSV	185°, 19%, 97%
XYZ	73.6511, 84.0352, 101.1455
YIQ	231.8980, -26.3160, -7.6600

# Conversions

## Conversions Part 2

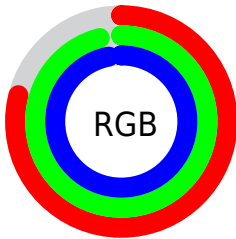
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 224, 248
Decimal	13300984
CIE Lab	93.47, -12.58, -6.41
CIE LCh	93, 14.123, 206.998
Yxy	84.0352, 0.2846, 0.3247
Android (android.graphics.Color)	4291491064 (0xFFCAF4F8)
YUV	231.8980, 7.9383, -26.2205
Hunter-Lab	91.6707, -17.0114, -1.2485

# Details

The Hex color **CAF4F8** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F8CECA**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFFF**, and **93BCC0** is the 20% darker color. If you saturate the color by 10%, you get **B1F2F8**, and if you desaturate by 10%, it is **E3F6F8**.

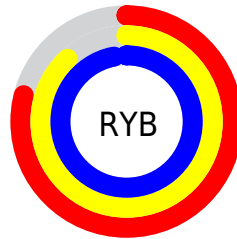
# Distribution



Red (79%)

Green (96%)

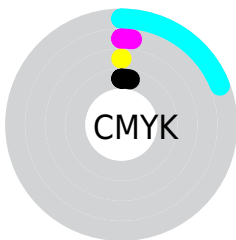
Blue (97%)



Red (79%)

Yellow (88%)

Blue (97%)

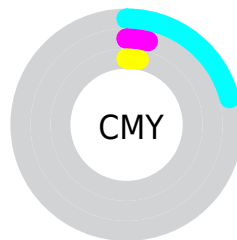


Cyan (19%)

Magenta (2%)

Yellow (0%)

Black (3%)



Cyan (21%)

Magenta (4%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAF4F8 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 CAF4F8 by changing the saturation by 10% instead.



CAF4F8

CAF4F8

FFFFFF

AED8DB

93BCC0

79A1A5

5F868A

466D71

2E5558

163D41

00282B

001417

 CAF4F8

 CAF4F8

 B1F2F8

 E3F6F8

 98F0F8

 FCF8F8

 80EEF8

 FFFAF8

 67EBF8

 FFFDF8

 4EE9F8

 FFFFF8

 35E7F8

 1CE5F8

 04E3F8

 00E2F8

# Harmonies

## Analogous

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



CEF4EA



CAF4F8



CFF2FF

# Triad

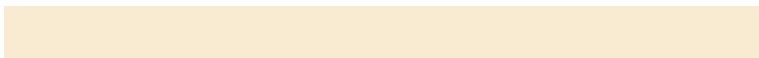
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CAF4F8



FDE5FB



F9EBD1

# Complementary

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



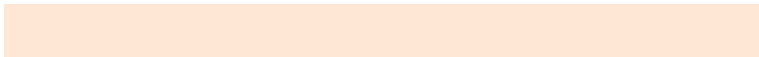
CAF4F8



F8CECA

# 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.



FFE7D6



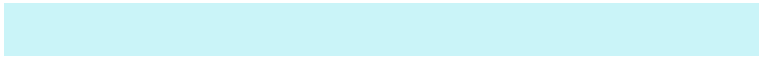
CAF4F8



FFE3EE

# Square

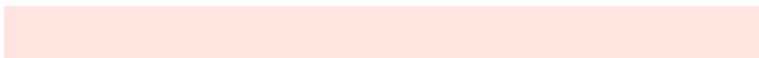
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CAF4F8



EDE9FF



FFE4E0



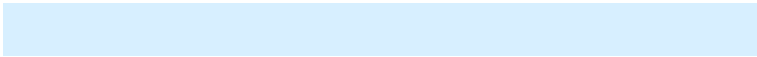
EAEFD4

# Rectangle

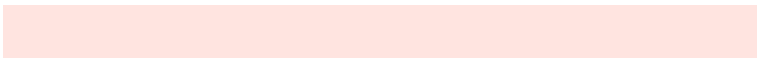
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CAF4F8



D7EFFF



FFE4E0



FDE9D2

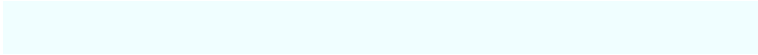


# Sweetspot

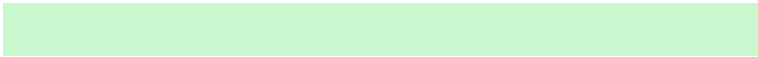
The Sweet Spot groups the original color and five complimentary colors.



CAF4F8



F0FEFF



CAF8CE



777F80



000000



808080

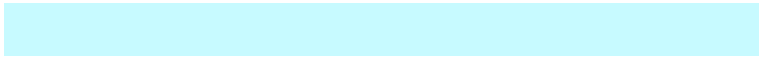


# Same Dimension

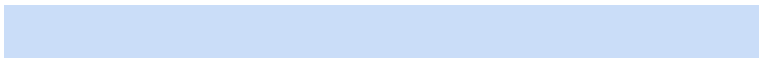
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CAF4F8



C7FAFF



CADDF8



707C7D



00ACBD



00383D



# Inverse Universe

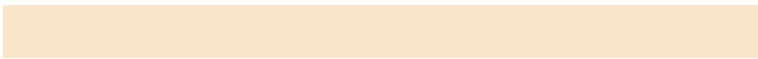
The Inverse Universe completely reimagines the original color for something new.



F8CAF4



FFC7FA



F8E5CA



7D707C



BD00AC

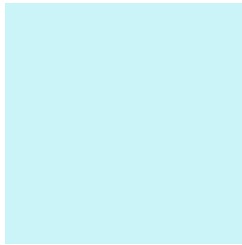


3D0038



# Previews

## White Background



This preview shows how the Hex color CAF4F8 looks on a white background.

## Color Contrast Check

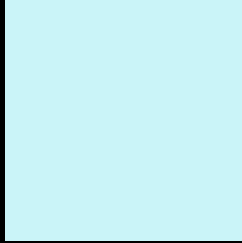
Large Text (above 18pt) WCAG AA × Fail

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 CAF4F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

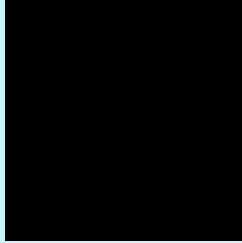
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CAF4F8 Background



This preview shows how black text looks on a background with the Hex color CAF4F8.

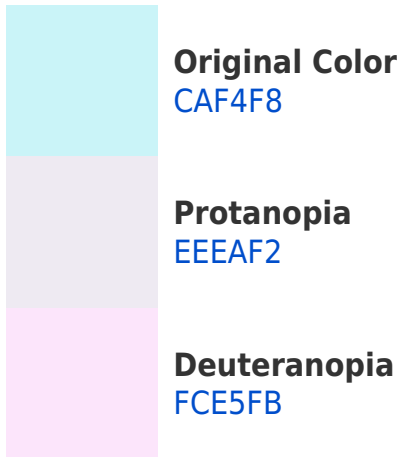


This preview shows how white text looks on a background with the Hex color CAF4F8.

# 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](#).

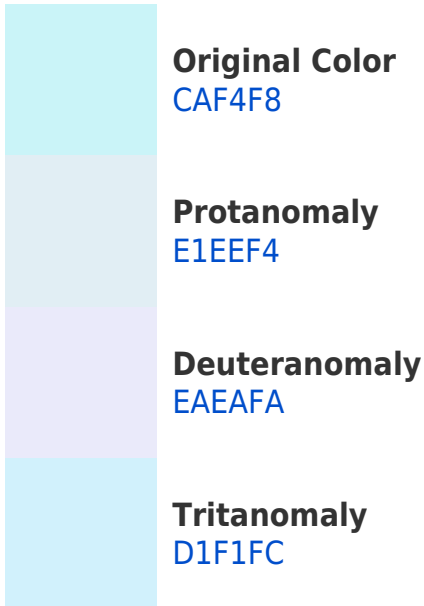
## Dichromacy



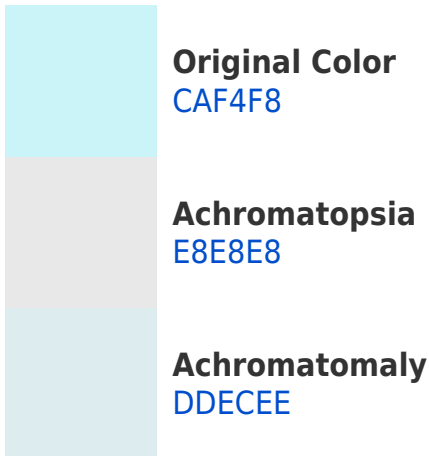


**Tritanopia**  
D5F0FF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAF4F8 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 #CAF4F8 looks like.

```
.text, #text, p{  
    color:#CAF4F8  
}
```

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 #CAF4F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAF4F8
}
```

## Border

The CSS property to change the border of an element to Hex CAF4F8 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
#CAF4F8 }
```

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

```
.border{ border-color:#CAF4F8 }
```

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

Here you see how a box with a 4 pixel #CAF4F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAF4F8; -webkit-box-shadow:4px 4px  
4px 4px #CAF4F8; box-shadow:4px 4px 4px  
4px #CAF4F8 }
```

# Background

The CSS property to change the background color of an element to Hex CAF4F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAF4F8 }
```

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

```
.background{ background-color:#CAF4F8 }
```

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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