

# Converting Colors

Hex(C4EF9E)

Have a look what the booklet for  
Hex(C4EF9E) contains.

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# **Color**

**Hex(C4EF9E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4EF9E
RGB	196, 239, 158
RGB Percent	77%, 94%, 62%
CMY	0.2314, 0.0627, 0.3804
CMYK	0.18, 0.00, 0.34, 0.06
HSL	92°, 72%, 78%
HSV	92°, 34%, 94%
XYZ	59.8030, 75.9374, 43.8532
YIQ	216.9090, 0.3730, -34.3070

# Conversions

## Conversions Part 2

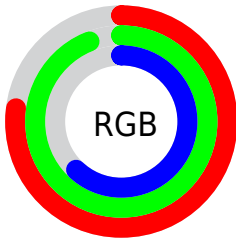
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">158, 239, 201</a>
Decimal	<a href="#">12906398</a>
CIELab	<a href="#">89.83, -27.72, 34.77</a>
CIELCh	<a href="#">90, 44.463, 128.562</a>
Yxy	<a href="#">75.9374, 0.3330, 0.4228</a>
Android (android.graphics.Color)	<a href="#">4291096478 (0xFFC4EF9E)</a>
YUV	<a href="#">216.9090, -29.0421, -18.3372</a>
Hunter-Lab	<a href="#">87.1421, -29.9994, 31.1625</a>

# Details

The Hex color **C4EF9E** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C99EEF**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FDFFD5**, and **8DB76A** is the 20% darker color. If you saturate the color by 10%, you get **B7EF86**, and if you desaturate by 10%, it is **D1EFB6**.

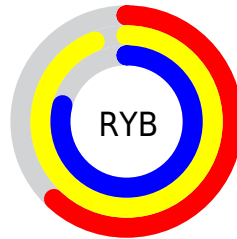
# Distribution



Red (77%)

Green (94%)

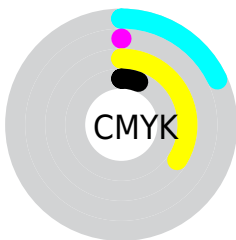
Blue (62%)



Red (62%)

Yellow (94%)

Blue (79%)

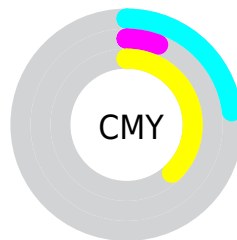


Cyan (18%)

Magenta (0%)

Yellow (34%)

Black (6%)



Cyan (23%)

Magenta (6%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4EF9E 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 C4EF9E by changing the saturation by 10% instead.



 C4EF9E

 C4EF9E

FFFFFF

 A8D383

 FDFFD5

 8DB76A

 FFFFF2

 739C51

 598238

 406820

 275006

 0F3900

 002400

 000000

 C4EF9E

 C4EF9E

 B7EF86


 D1EFB6

 ABEF6E

 DDEFCE

 9EEF56

 EAEF66

 91EF3E

 F7EFFE

 85EF27

 FFEFFF

 78EF0F

 70EF00

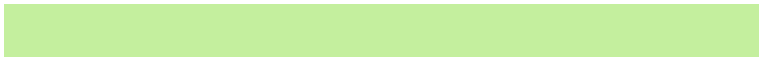
# Harmonies

## Analogous

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



F2E38D



C4EF9E



90F6C1

# Triad

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



C4EF9E



72EFFF



FFC1D7

# Complementary

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



C4EF9E



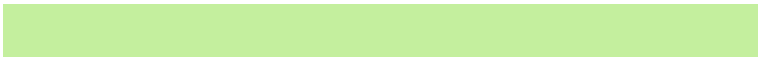
C99EEF

# Split Complementary

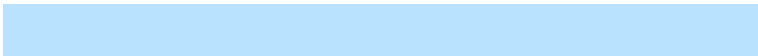
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC5FF



C4EF9E



B9E2FF

# Square

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



C4EF9E



3DF6FF



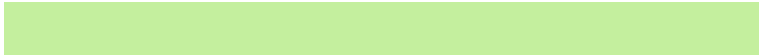
F7D2FF



FFC7AF

# Rectangle

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



C4EF9E



6BF9DE



F7D2FF



FFC1E6



# Sweetspot

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



C4EF9E



F1FFE6



EFC89E



778070



000000

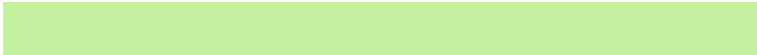


808080

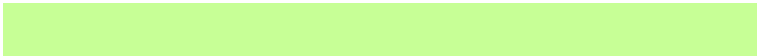


# Same Dimension

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



C4EF9E



C7FF96



9EEF9F



71786C



56B800



1A3800



# Inverse Universe

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



C99EEF



CE96FF



EF9EEE



726C78



6100B8

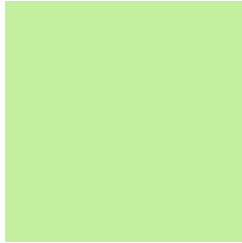


1E0038



# Previews

## White Background



This preview shows how the Hex color C4EF9E looks on a white background.

## Color Contrast Check

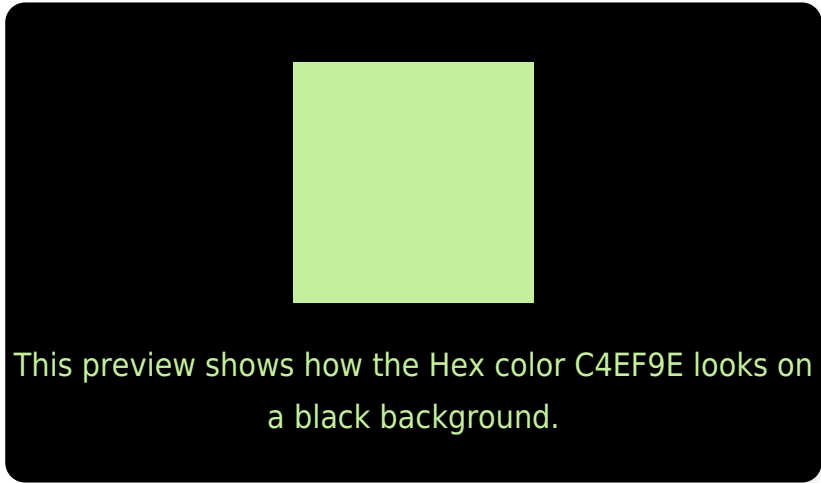
Large Text (above 18pt) WCAG AA × Fail

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 C4EF9E Background



This preview shows how black text looks on a background with the Hex color C4EF9E.

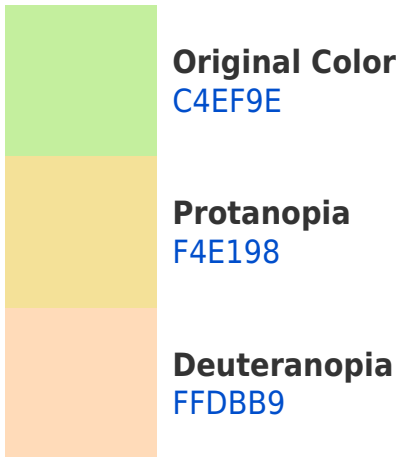


This preview shows how white text looks on a background with the Hex color C4EF9E.

# 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](#).

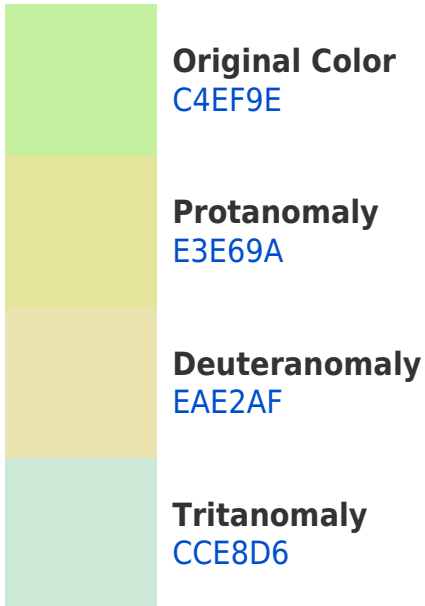
## Dichromacy



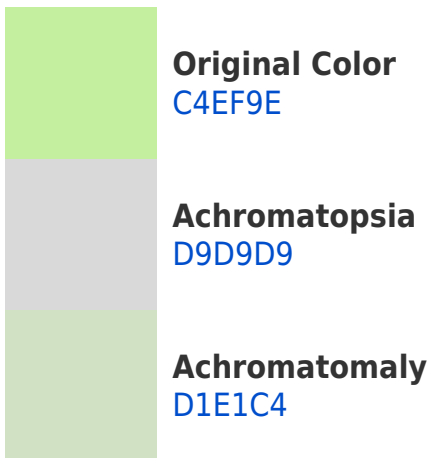


**Tritanopia**  
D1E4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4EF9E 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 #C4EF9E looks like.

```
.text, #text, p{  
    color:#C4EF9E  
}
```

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 #C4EF9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4EF9E
}
```

## Border

The CSS property to change the border of an element to Hex C4EF9E 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
#C4EF9E }
```

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

```
.border{ border-color:#C4EF9E }
```

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

Here you see how a box with a 4 pixel #C4EF9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4EF9E; -webkit-box-shadow:4px 4px  
4px 4px #C4EF9E; box-shadow:4px 4px 4px  
4px #C4EF9E }
```

# Background

The CSS property to change the background color of an element to Hex C4EF9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4EF9E }
```

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

```
.background{ background-color:#C4EF9E }
```

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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