

Converting Colors

Hex(CEF7A9)

Have a look what the booklet for
Hex(CEF7A9) contains.

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Color

Hex(CEF7A9)

Conversions

Conversions Part 1

Format	Color
Hex	CEF7A9
RGB	206, 247, 169
RGB Percent	81%, 97%, 66%
CMY	0.1922, 0.0314, 0.3373
CMYK	0.17, 0.00, 0.32, 0.03
HSL	92°, 83%, 82%
HSV	92°, 32%, 97%
XYZ	65.8758, 82.5079, 49.9897
YIQ	225.8490, 0.6020, -32.9500

Conversions

Conversions Part 2

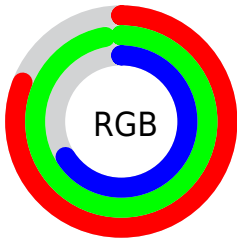
Format	Color
RYB	169, 247, 210
Decimal	13563817
CIELab	92.80, -26.47, 33.29
CIELCh	93, 42.537, 128.490
Yxy	82.5079, 0.3321, 0.4159
Android (android.graphics.Color)	4291753897 (0xFFCEF7A9)
YUV	225.8490, -28.0266, -17.4076
Hunter-Lab	90.8339, -29.5050, 30.9539

Details

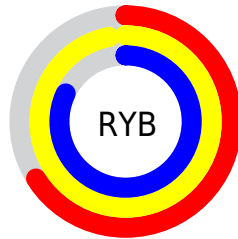
The Hex color **CEF7A9** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D2A9F7**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFE1**, and **97BF74** is the 20% darker color. If you saturate the color by 10%, you get **C1F790**, and if you desaturate by 10%, it is **DBF7C2**.

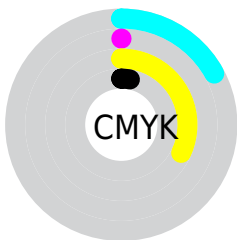
Distribution



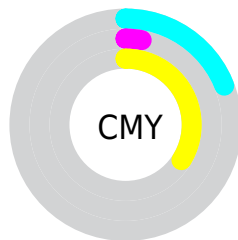
- Red (81%)
- Green (97%)
- Blue (66%)



- Red (66%)
- Yellow (97%)
- Blue (82%)



- Cyan (17%)
- Magenta (0%)
- Yellow (32%)
- Black (3%)



- Cyan (19%)
- Magenta (3%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEF7A9 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 CEF7A9 by changing the saturation by 10% instead.

 CEF7A9

 CEF7A9

FFFFFF

 B2DA8E

 FFFFE1

 97BF74

FFFFFFE

 7CA35B

 628942

 496F2B

 305713

 183F00

 002900

 001100

 CEF7A9

 CEF7A9

 C1F790

 DBF7C2

 B4F778

 E8F7DA

 A7F75F

 F5F7F3

 9AF746

 FFF7FF

 8DF72E

 80F715

 75F700

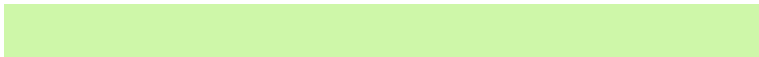
Harmonies

Analogous

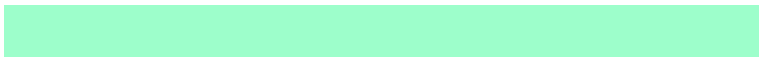
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FBEC99



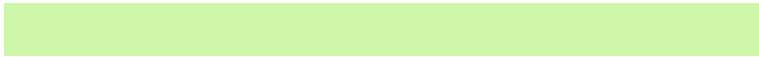
CEF7A9



9DFECB

Triad

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



CEF7A9



84F7FF



FFCBEO

Complementary

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



CEF7A9



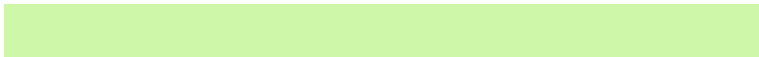
D2A9F7

Split Complementary

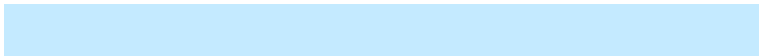
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCFFF



CEF7A9



C4EAFF

Square

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



CEF7A9



5BFEFF



FFDCFF



FFD1B9

Rectangle

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



CEF7A9



7CFFE7



FFDCFF



FFCBEE

Sweetspot

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



CEF7A9



F3FFE8



F7D1A9



788071



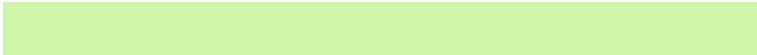
000000



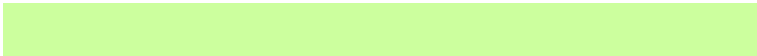
808080

Same Dimension

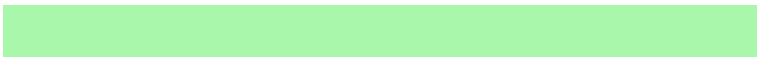
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CEF7A9



CCFF9E



A9F7AA



747A6E



58BA00



1C3B00

Inverse Universe

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



D2A9F7



D19EFF



F7A9F6



756E7A



6200BA



1F003B

Previews

White Background



This preview shows how the Hex color CEF7A9 looks on a white background.

Color Contrast Check

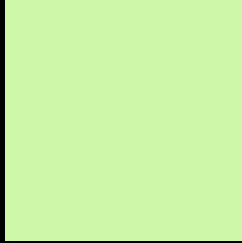
Large Text (above 18pt) WCAG AA × Fail

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 CEF7A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

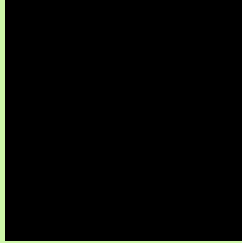
Any Text WCAG AA ✓ Pass

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 CEF7A9 Background



This preview shows how black text looks on a background with the Hex color CEF7A9.

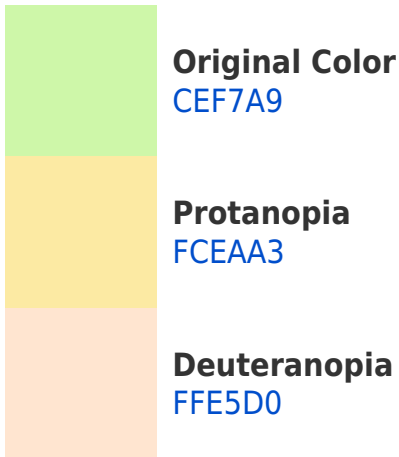


This preview shows how white text looks on a background with the Hex color CEF7A9.

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](#).

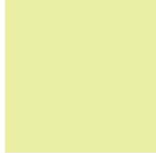
Dichromacy



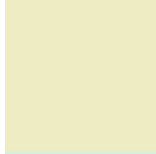
Trichromacy



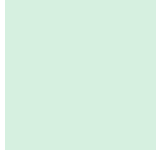
Original Color
CEF7A9



Protanomaly
EBEFA5



Deuteranomaly
EDECC2

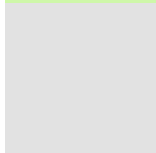


Tritanomaly
D6F0E0

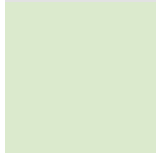
Monochromacy



Original Color
CEF7A9



Achromatopsia
E2E2E2



Achromatomaly
DBEACD

CSS Examples

Text

The CSS property to change the color of the text to Hex CEF7A9 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 #CEF7A9 looks like.

```
.text, #text, p{  
    color:#CEF7A9  
}
```

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 #CEF7A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEF7A9
}
```

Border

The CSS property to change the border of an element to Hex CEF7A9 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
#CEF7A9 }
```

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

```
.border{ border-color:#CEF7A9 }
```

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

Here you see how a box with a 4 pixel #CEF7A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEF7A9; -webkit-box-shadow:4px 4px  
4px 4px #CEF7A9; box-shadow:4px 4px 4px  
4px #CEF7A9 }
```

Background

The CSS property to change the background color of an element to Hex CEF7A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEF7A9 }
```

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

```
.background{ background-color:#CEF7A9 }
```

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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