

# Converting Colors

Hex(CEF3A5)

Have a look what the booklet for  
Hex(CEF3A5) contains.

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# **Color**

**Hex(CEF3A5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CEF3A5
RGB	206, 243, 165
RGB Percent	81%, 95%, 65%
CMY	0.1922, 0.0471, 0.3529
CMYK	0.15, 0.00, 0.32, 0.05
HSL	88°, 76%, 80%
HSV	88°, 32%, 95%
XYZ	64.2957, 79.9396, 47.6385
YIQ	223.0450, 2.9860, -32.1020

# Conversions

## Conversions Part 2

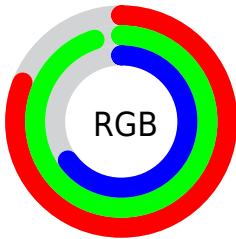
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 243, 202
Decimal	13562789
CIELab	91.66, -25.12, 33.79
CIELCh	92, 42.102, 126.635
Yxy	79.9396, 0.3351, 0.4166
Android (android.graphics.Color)	4291752869 (0xFFCEF3A5)
YUV	223.0450, -28.6162, -14.9485
Hunter-Lab	89.4090, -28.1028, 30.9957

# Details

The Hex color **CEF3A5** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **CAA5F3**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFDD**, and **97BB70** is the 20% darker color. If you saturate the color by 10%, you get **C2F38D**, and if you desaturate by 10%, it is **DAF3BD**.

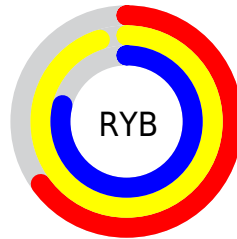
# Distribution



Red (81%)

Green (95%)

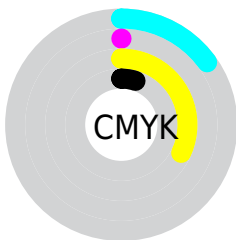
Blue (65%)



Red (65%)

Yellow (95%)

Blue (79%)

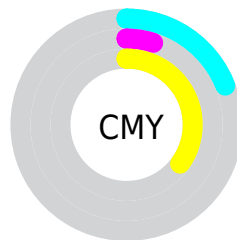


Cyan (15%)

Magenta (0%)

Yellow (32%)

Black (5%)



Cyan (19%)

Magenta (5%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEF3A5 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 CEF3A5 by changing the saturation by 10% instead.



 CEF3A5

FFFFFF

 FFFFDD

 FFFFF9

 CEF3A5

 B2D78A

 97BB70

 7CA057

 62853F

 496C27

 31530F

 193C00

 002600

 000B00

 CEF3A5

 CEF3A5

 C2F38D

 DAF3BD

 B7F374

 E5F3D6

 ABF35C

 F1F3EE

 A0F344

 FCF3FF

 94F32B

 FFF3FF

 89F313

 80F300

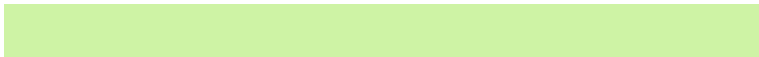
# Harmonies

## Analogous

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



FAE896



CEF3A5



9EFAC6

# Triad

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



CEF3A5



7FF4FF



FFC8DF

# Complementary

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



CEF3A5



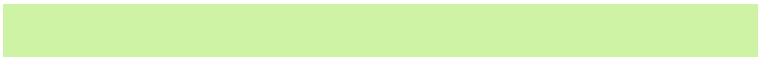
CAA5F3

# Split Complementary

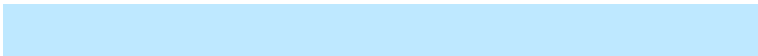
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCDFF



CEF3A5



BEE8FF

# Square

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



CEF3A5



58FBFF



F8D9FF



FFCEB9

# Rectangle

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



CEF3A5



7DFDE1



F8D9FF



FFC9ED

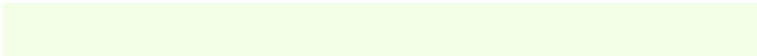


# Sweetspot

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



CEF3A5



F3FFE6



F3C9A5



788070



000000

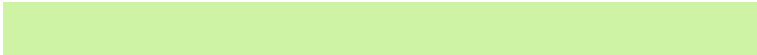


808080

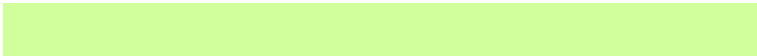


# Same Dimension

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



CEF3A5



D0FF9C



A8F3A5



757A6E



62BA00



1F3B00



# Inverse Universe

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



CAA5F3



CB9CFF



F0A5F3



746E7A



5800BA

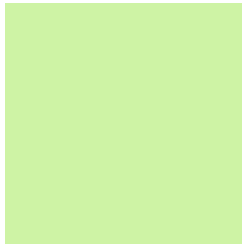


1C003B



# Previews

## White Background



This preview shows how the Hex color CEF3A5 looks on a white background.

## Color Contrast Check

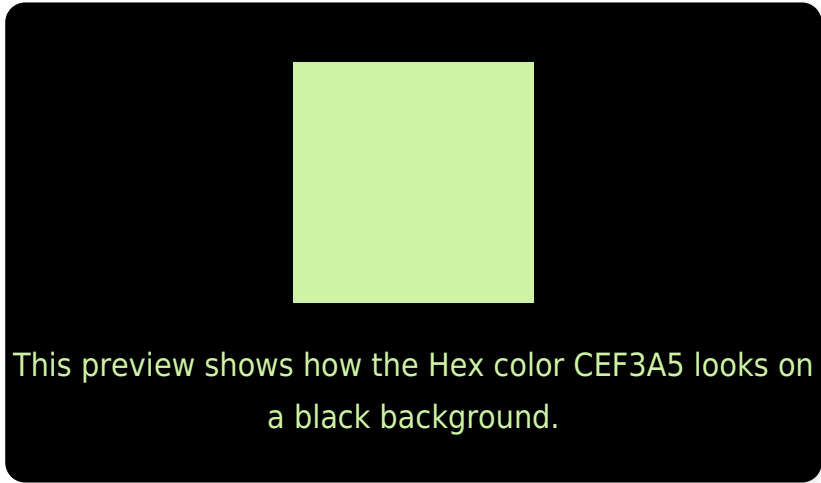
Large Text (above 18pt) WCAG AA × Fail

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

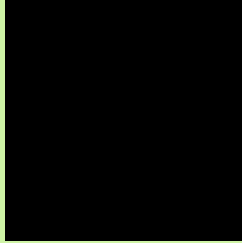
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CEF3A5 Background



This preview shows how black text looks on a background with the Hex color CEF3A5.

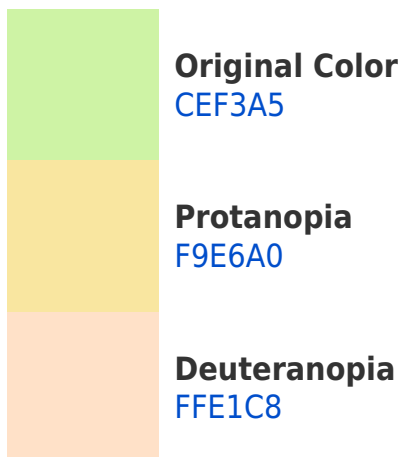


This preview shows how white text looks on a background with the Hex color CEF3A5.

# 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



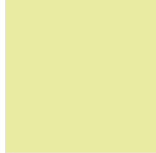


**Tritanopia**  
DAE8FB

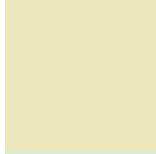
# Trichromacy



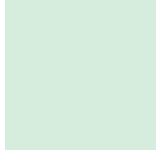
**Original Color**  
CEF3A5



**Protanomaly**  
E9EBA2



**Deuteranomaly**  
EDE8BB

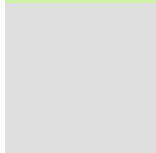


**Tritanomaly**  
D6ECDC

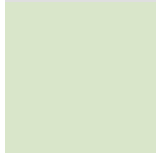
# Monochromacy



**Original Color**  
CEF3A5



**Achromatopsia**  
DFDFDF



**Achromatomaly**  
D9E6CA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEF3A5 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 #CEF3A5 looks like.

```
.text, #text, p{  
    color:#CEF3A5  
}
```

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 #CEF3A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEF3A5
}
```

## Border

The CSS property to change the border of an element to Hex CEF3A5 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
#CEF3A5 }
```

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

```
.border{ border-color:#CEF3A5 }
```

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

Here you see how a box with a 4 pixel #CEF3A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEF3A5; -webkit-box-shadow:4px 4px  
4px 4px #CEF3A5; box-shadow:4px 4px 4px  
4px #CEF3A5 }
```

# Background

The CSS property to change the background color of an element to Hex CEF3A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEF3A5 }
```

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

```
.background{ background-color:#CEF3A5 }
```

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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