

Converting Colors

Hex(CEF54A)

Have a look what the booklet for
Hex(CEF54A) contains.

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Color

Hex(CEF54A)

Conversions

Conversions Part 1

Format	Color
Hex	CEF54A
RGB	206, 245, 74
RGB Percent	81%, 96%, 29%
CMY	0.1922, 0.0392, 0.7098
CMYK	0.16, 0.00, 0.70, 0.04
HSL	74°, 90%, 63%
HSV	74°, 70%, 96%
XYZ	59.3420, 78.9210, 18.5842
YIQ	213.8450, 31.6470, -61.4490

Conversions

Conversions Part 2

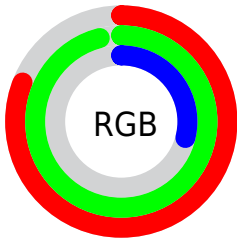
Format	Color
RYB	74, 245, 113
Decimal	13563210
CIELab	91.20, -34.72, 73.88
CIElCh	91, 81.635, 115.169
Yxy	78.9210, 0.3783, 0.5032
Android (android.graphics.Color)	4291753290 (0xFFCEF54A)
YUV	213.8450, -68.9436, -6.8801
Hunter-Lab	88.8375, -36.2305, 49.7832

Details

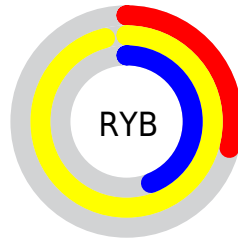
The Hex color **CEF54A** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed yellow. A complement of this color would be **714AF5**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF84**, and **94BD00** is the 20% darker color. If you saturate the color by 10%, you get **C8F531**, and if you desaturate by 10%, it is **D4F562**.

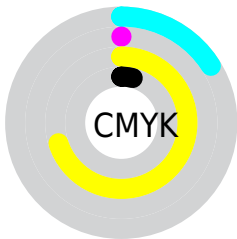
Distribution



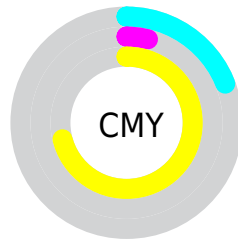
- Red (81%)
- Green (96%)
- Blue (29%)



- Red (29%)
- Yellow (96%)
- Blue (44%)



- Cyan (16%)
- Magenta (0%)
- Yellow (70%)
- Black (4%)



- Cyan (19%)
- Magenta (4%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEF54A 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 CEF54A by changing the saturation by 10% instead.

 CEF54A

 CEF54A

FFFFFF

 B1D829

 FFFF84

 94BD00

 FFFFA1

 77A200

 FFFFBE

 5B8700

 FFFFDB

 3F6E00

 FFFFF9

 205500

 003D00

 002800

 000800

 CEF54A

 CEF54A

 C8F531

 D4F562

 C3F519

 D9F57B

 BDF500

 DFF593

 E4F5AC

 EAF5C4

 F0F5DD

 F5F5F6

 FBF5FF

 FFF5FF

Harmonies

Analogous

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



FFDE3A



CEF54A



64FF88

Triad

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



CEF54A



00FFFF



FF9DF6

Complementary

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



CEF54A



714AF5

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.



FFB5FF



CEF54A



00F2FF

Square

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



CEF54A



00FFFF



D0D6FF



FFA3A8

Rectangle

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



CEF54A



00FFBB



D0D6FF



FFA2FF

Sweetspot

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



CEF54A



F3FFC9



F56F4A



788060



000000



808080

Same Dimension

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



CEF54A



CEFF29



7AF54A



787A6E



90BA00



2D3B00

Inverse Universe

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



714AF5



5A29FF



C54AF5



716E7A



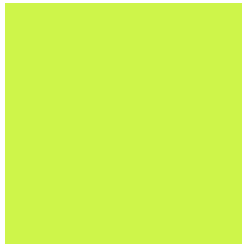
2A00BA



0D003B

Previews

White Background



This preview shows how the Hex color CEF54A looks on a white background.

Color Contrast Check

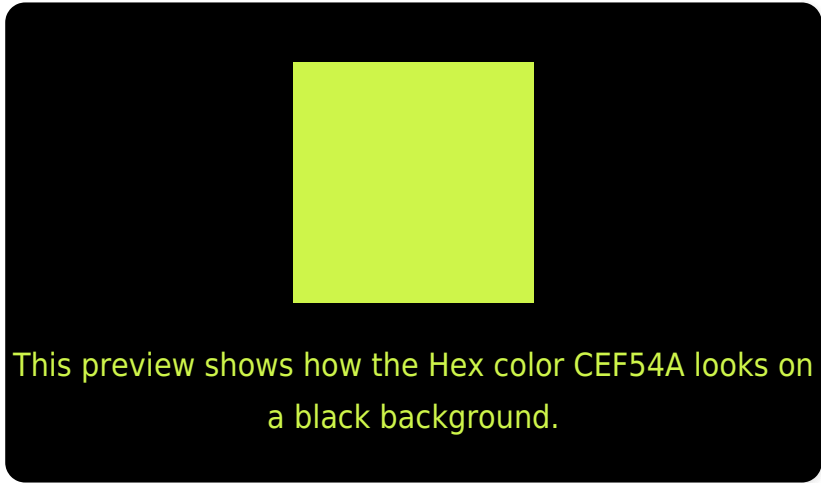
Large Text (above 18pt) WCAG AA × Fail

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 CEF54A Background



This preview shows how black text looks on a background with the Hex color CEF54A.

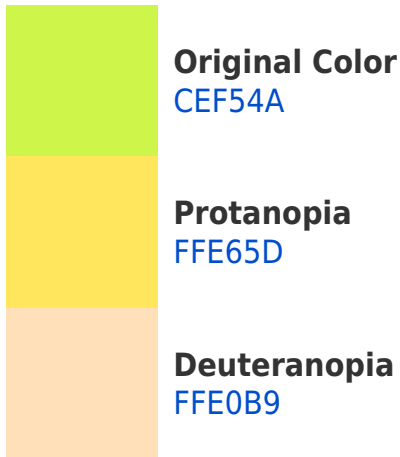


This preview shows how white text looks on a background with the Hex color CEF54A.

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](#).

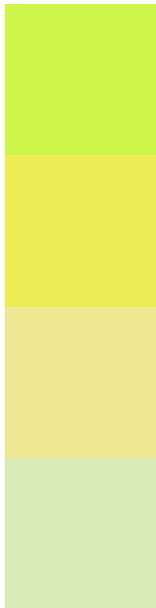
Dichromacy





Tritanopia
E0E5F7

Trichromacy



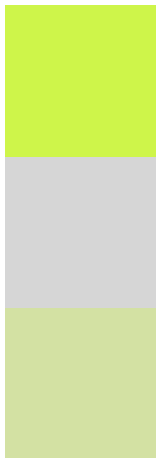
Original Color
CEF54A

Protanomaly
EDEB56

Deuteranomaly
EDE891

Tritanomaly
D9EBB8

Monochromacy



Original Color
CEF54A

Achromatopsia
D6D6D6

Achromatomaly
D3E1A3

CSS Examples

Text

The CSS property to change the color of the text to Hex CEF54A 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 #CEF54A looks like.

```
.text, #text, p{  
    color:#CEF54A  
}
```

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 #CEF54A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEF54A
}
```

Border

The CSS property to change the border of an element to Hex CEF54A 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
#CEF54A }
```

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

```
.border{ border-color:#CEF54A }
```

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

Here you see how a box with a 4 pixel #CEF54A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEF54A; -webkit-box-shadow:4px 4px  
4px 4px #CEF54A; box-shadow:4px 4px 4px  
4px #CEF54A }
```

Background

The CSS property to change the background color of an element to Hex CEF54A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEF54A }
```

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

```
.background{ background-color:#CEF54A }
```

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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