

Converting Colors

Hex(CEFE4C)

Have a look what the booklet for
Hex(CEFE4C) contains.

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Color

Hex(CEFE4C)

Conversions

Conversions Part 1

Format	Color
Hex	CEFE4C
RGB	206, 254, 76
RGB Percent	81%, 100%, 30%
CMY	0.1922, 0.0039, 0.7020
CMYK	0.19, 0.00, 0.70, 0.00
HSL	76°, 99%, 65%
HSV	76°, 70%, 100%
XYZ	62.1999, 84.5272, 19.8746
YIQ	219.3560, 28.5300, -65.5340

Conversions

Conversions Part 2

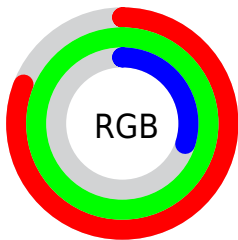
Format	Color
RYB	76, 254, 124
Decimal	13565516
CIELab	93.68, -38.66, 75.65
CIELCh	94, 84.955, 117.067
Yxy	84.5272, 0.3733, 0.5074
Android (android.graphics.Color)	4291755596 (0xFFCFE4C)
YUV	219.3560, -70.6745, -11.7132
Hunter-Lab	91.9387, -40.1309, 51.5402

Details

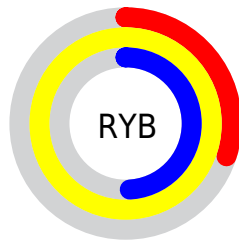
The Hex color **CEFE4C** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **7C4CFE**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFF87**, and **93C500** is the 20% darker color. If you saturate the color by 10%, you get **C7FE33**, and if you desaturate by 10%, it is **D5FE65**.

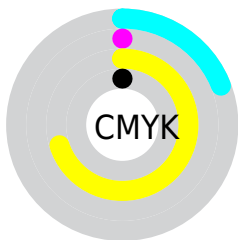
Distribution



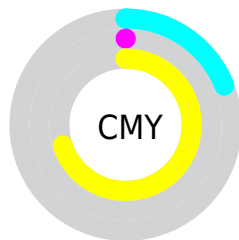
- Red (81%)
- Green (100%)
- Blue (30%)



- Red (30%)
- Yellow (100%)
- Blue (49%)



- Cyan (19%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)



- Cyan (19%)
- Magenta (0%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEF4C 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 CEF4C by changing the saturation by 10% instead.

 CEFE4C

 CEFE4C

FFFFFF

 B1E12B

 FFFF87

 93C500

 FFFFA3

 77AA00

 FFFF00

 5A8F00

 FFFFDE

 3E7500

 FFFF00

 1D5C00

 004400

 002D00

 001500

 CEFE4C

 CEFE4C

 C7FE33

 D5FE65

 C0FE19

 DCFE7F

 BAFE00

 E3FE98

 E9FEB2

 F0FECB

 F7FEE4

 FEFEFE

 FFFEFF

Harmonies

Analogous

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



FFE636



CEFE4C



58FF8F

Triad

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



CEFE4C



00FFFF



FFA0F8

Complementary

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



CEFE4C



7C4CFE

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.



FFB7FF



CEFE4C



00F9FF

Square

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



CEFE4C



00FFFF



DFDBFF



FFA8A7

Rectangle

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



CEFE4C



00FFC5



DFDBFF



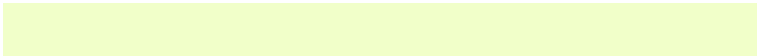
FFA4FF

Sweetspot

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



CEFE4C



F1FFC9



FE7B4C



778060



000000



808080

Same Dimension

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



CEFE4C



C5FF29



76FE4C



7C8073



8CBF00



2F4000

Inverse Universe

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



7C4CFE



6329FF



D44CFE



767380



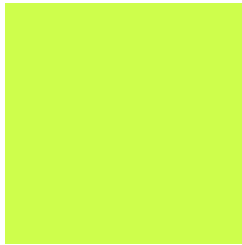
3400BF



110040

Previews

White Background



This preview shows how the Hex color #CEFE4C looks on a white background.

Color Contrast Check

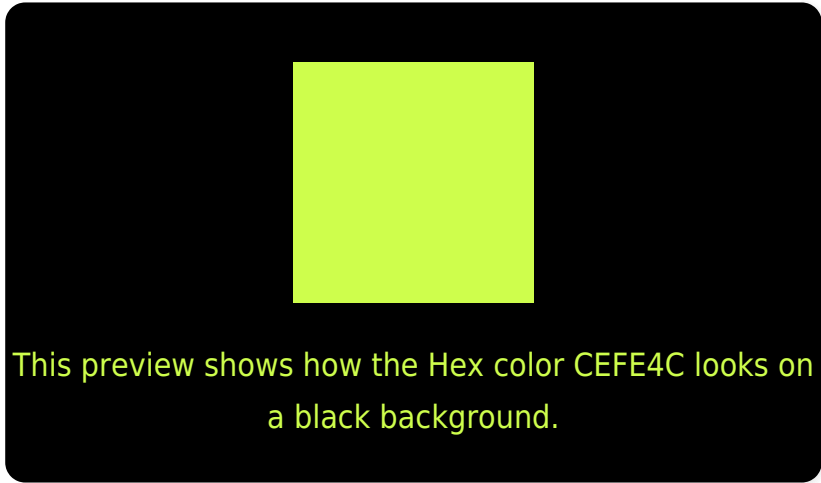
Large Text (above 18pt) WCAG AA × Fail

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 CEF4C Background



This preview shows how black text looks on a background with the Hex color CEF4C.

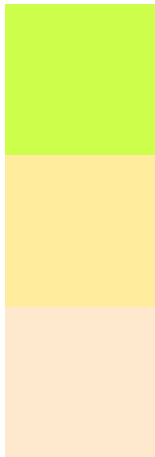


This preview shows how white text looks on a background with the Hex color CEF4C.

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



Original Color
CEFE4C

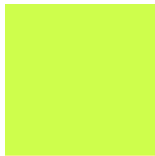
Protanopia
FFEC9C

Deuteranopia
FFE9CE

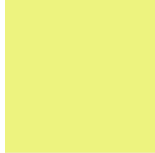


Tritanopia
E2EDFF

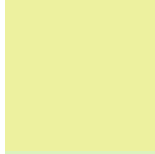
Trichromacy



Original Color
CEFE4C



Protanomaly
EDF37F



Deuteranomaly
EDF19F

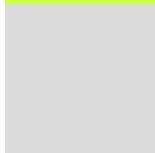


Tritanomaly
DBF3BE

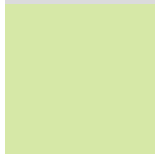
Monochromacy



Original Color
CEFE4C



Achromatopsia
DBDBDB



Achromatomaly
D6E8A7

CSS Examples

Text

The CSS property to change the color of the text to Hex CEFE4C 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 #CEFE4C looks like.

```
.text, #text, p{  
    color:#CEFE4C  
}
```

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 #CEFE4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEFE4C
}
```

Border

The CSS property to change the border of an element to Hex CEFE4C 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
#CEFE4C }
```

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

```
.border{ border-color:#CEFE4C }
```

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

Here you see how a box with a 4 pixel #CEFE4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEFE4C; -webkit-box-shadow:4px 4px  
4px 4px #CEFE4C; box-shadow:4px 4px 4px  
4px #CEFE4C }
```

Background

The CSS property to change the background color of an element to Hex CEFE4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEFE4C }
```

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

```
.background{ background-color:#CEFE4C }
```

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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