

Converting Colors

Hex(CEF720)

Have a look what the booklet for
Hex(CEF720) contains.

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Color

Hex(CEF720)

Conversions

Conversions Part 1

Format	Color
Hex	CEF720
RGB	206, 247, 32
RGB Percent	81%, 97%, 13%
CMY	0.1922, 0.0314, 0.8745
CMYK	0.17, 0.00, 0.87, 0.03
HSL	71°, 93%, 55%
HSV	71°, 87%, 97%
XYZ	58.9751, 79.7476, 13.6510
YIQ	210.2310, 44.5790, -75.5570

Conversions

Conversions Part 2

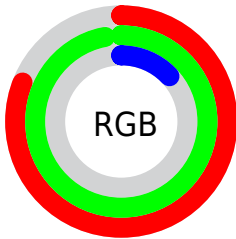
Format	Color
R _Y B	32, 247, 73
Decimal	13563680
CIE Lab	91.57, -37.21, 85.37
CIE LCh	92, 93.125, 113.550
Yxy	79.7476, 0.3870, 0.5234
Android (android.graphics.Color)	4291753760 (0xFFCEF720)
YUV	210.2310, -87.8679, -3.7106
Hunter-Lab	89.3015, -38.3956, 53.4477

Details

The Hex color **CEF720** 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 **4920F7**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF67**, and **93BF00** is the 20% darker color. If you saturate the color by 10%, you get **C9F707**, and if you desaturate by 10%, it is **D3F739**.

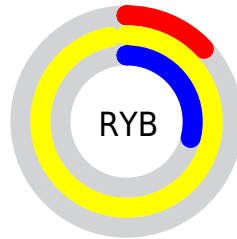
Distribution



Red (81%)

Green (97%)

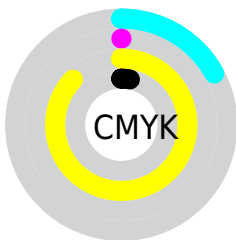
Blue (13%)



Red (13%)

Yellow (97%)

Blue (29%)

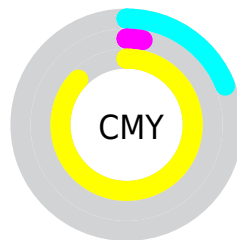


Cyan (17%)

Magenta (0%)

Yellow (87%)

Black (3%)



Cyan (19%)

Magenta (3%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEF720 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 CEF720 by changing the saturation by 10% instead.

 CEF720

 CEF720

FFFFFF

 B0DA00

 FFFF67

 93BF00

 FFFF85

 75A300

 FFFFA3

 598900

 FFFFC1

 3B6F00

 FFFFDF

 1A5700

FFFFFFD

 003F00

 002900

 000B00

 CEF720

 CEF720

 C9F707

 D3F739

 C8F700

 D7F751

 DCF76A

 E1F783

 E6F79B

 EAF7B4

 EFF7CD

 F4F7E6

 F8F7FE

Harmonies

Analogous

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



FFDC00



CEF720



4CFF75

Triad

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



CEF720



00FFFF



FF8EFE

Complementary

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



CEF720



4920F7

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.



FFAEFF



CEF720



00F7FF

Square

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



CEF720



00FFFF



BFD7FF



FF94A5

Rectangle

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



CEF720



00FFB1



BFD7FF



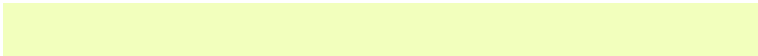
FF96FF

Sweetspot

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



CEF720



F2FFBD



F74720



788058



000000



808080

Same Dimension

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



CEF720



CEFF00



64F720



787A6E



97BA00



2F3B00

Inverse Universe

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



4920F7



3100FF



B320F7



706E7A



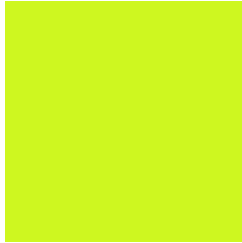
2300BA



0B003B

Previews

White Background



This preview shows how the Hex color CEF720 looks on a white background.

Color Contrast Check

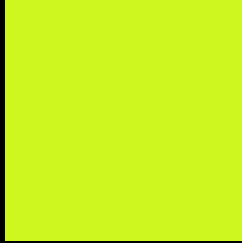
Large Text (above 18pt) WCAG AA × Fail

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 CEF720 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 CEF720 Background



This preview shows how black text looks on a background with the Hex color CEF720.

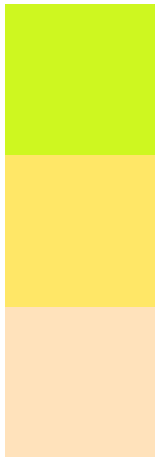


This preview shows how white text looks on a background with the Hex color CEF720.

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
CEF720

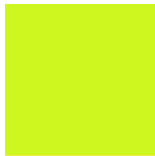
Protanopia
FFE767

Deuteranopia
FFE2BB



Tritanopia
E2E6F8

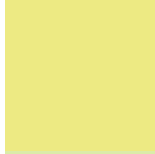
Trichromacy



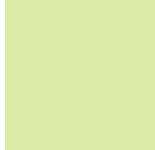
Original Color
CEF720



Protanomaly
EDED4D



Deuteranomaly
EDEA83

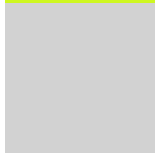


Tritanomaly
DBECA9

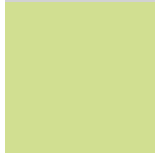
Monochromacy



Original Color
CEF720



Achromatopsia
D2D2D2



Achromatomaly
D1DF91

CSS Examples

Text

The CSS property to change the color of the text to Hex CEF720 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 #CEF720 looks like.

```
.text, #text, p{  
    color:#CEF720  
}
```

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 #CEF720 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEF720
}
```

Border

The CSS property to change the border of an element to Hex CEF720 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
#CEF720 }
```

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

```
.border{ border-color:#CEF720 }
```

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

Here you see how a box with a 4 pixel #CEF720 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEF720; -webkit-box-shadow:4px 4px  
4px 4px #CEF720; box-shadow:4px 4px 4px  
4px #CEF720 }
```

Background

The CSS property to change the background color of an element to Hex CEF720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEF720 }
```

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

```
.background{ background-color:#CEF720 }
```

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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