

Converting Colors

Hex(CEF718)

Have a look what the booklet for
Hex(CEF718) contains.

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Color

Hex(CEF718)

Conversions

Conversions Part 1

Format	Color
Hex	CEF718
RGB	206, 247, 24
RGB Percent	81%, 97%, 9%
CMY	0.1922, 0.0314, 0.9059
CMYK	0.17, 0.00, 0.90, 0.03
HSL	71°, 93%, 53%
HSV	71°, 90%, 97%
XYZ	58.8792, 79.7093, 13.1463
YIQ	209.3190, 47.1470, -78.0450

Conversions

Conversions Part 2

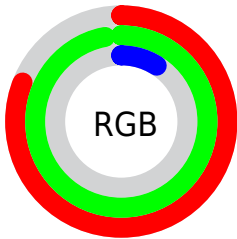
Format	Color
R _Y B	24, 247, 65
Decimal	13563672
CIE Lab	91.55, -37.37, 86.59
CIE LCh	92, 94.306, 113.342
Yxy	79.7093, 0.3880, 0.5253
Android (android.graphics.Color)	4291753752 (0xFFCEF718)
YUV	209.3190, -91.3623, -2.9108
Hunter-Lab	89.2801, -38.5213, 53.7657

Details

The Hex color **CEF718** 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 **4118F7**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFF64**, and **93BF00** is the 20% darker color. If you saturate the color by 10%, you get **CAF700**, and if you desaturate by 10%, it is **D3F731**.

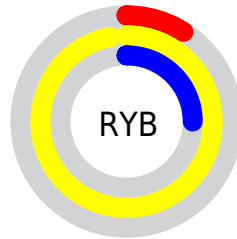
Distribution



Red (81%)

Green (97%)

Blue (9%)



Red (9%)

Yellow (97%)

Blue (25%)

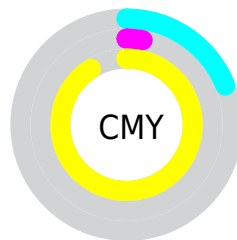


Cyan (17%)

Magenta (0%)

Yellow (90%)

Black (3%)



Cyan (19%)

Magenta (3%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEF718 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 CEF718 by changing the saturation by 10% instead.

 CEF718

 CEF718

FFFFFF

 B0DA00

 FFFF64

 93BF00

 FFFF82

 75A300

 FFFFA0

 588900

 FFFFBE

 3A6F00

 FFFFDC

 1A5700

 FFFFFA

 003F00

 002900

 000B00

 CEF718

 CEF718

 CAF700

 D3F731

 D7F749

 DCF762

 E0F77B

 E5F794

 E9F7AC

 EEF7C5

 F2F7DE

 F7F7F6

Harmonies

Analogous

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



FFDC00



CEF718



49FF73

Triad

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



CEF718



00FFFF



FF8CFF

Complementary

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



CEF718



4118F7

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.



FFADFF



CEF718



00F8FF

Square

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



CEF718



00FFFF



BDD7FF



FF92A5

Rectangle

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



CEF718



00FFAF



BDD7FF



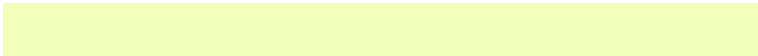
FF94FF

Sweetspot

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



CEF718



F2FFBA



F74118



788057



000000



808080

Same Dimension

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



CEF718



D0FF00



5FF718



787A6E



98BA00



303B00

Inverse Universe

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



4118F7



2F00FF



B018F7



706E7A



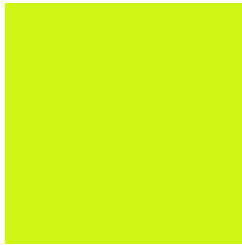
2200BA



0B003B

Previews

White Background



This preview shows how the Hex color CEF718 looks on a white background.

Color Contrast Check

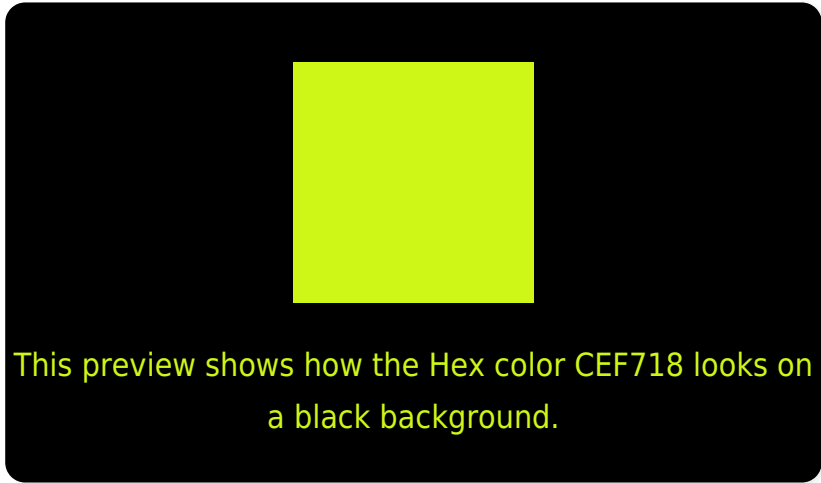
Large Text (above 18pt) WCAG AA × Fail

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 CEF718 Background



This preview shows how black text looks on a background with the Hex color CEF718.

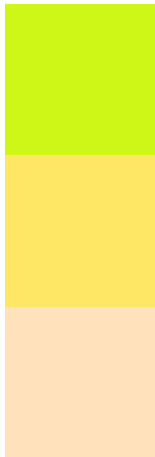


This preview shows how white text looks on a background with the Hex color CEF718.

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
CEF718

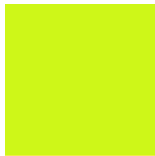
Protanopia
FFE766

Deuteranopia
FFE2BB

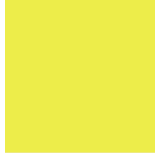


Tritanopia
E2E6F8

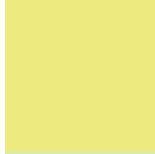
Trichromacy



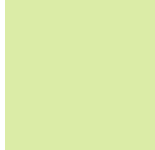
Original Color
CEF718



Protanomaly
EDED4A



Deuteranomaly
EDEA80

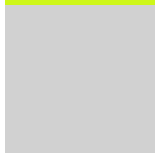


Tritanomaly
DBECA7

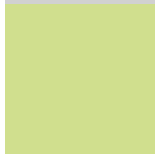
Monochromacy



Original Color
CEF718



Achromatopsia
D1D1D1



Achromatomaly
D0DF8E

CSS Examples

Text

The CSS property to change the color of the text to Hex CEF718 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 #CEF718 looks like.

```
.text, #text, p{  
    color:#CEF718  
}
```

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 #CEF718 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEF718
}
```

Border

The CSS property to change the border of an element to Hex CEF718 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
#CEF718 }
```

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

```
.border{ border-color:#CEF718 }
```

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

Here you see how a box with a 4 pixel #CEF718 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEF718; -webkit-box-shadow:4px 4px  
4px 4px #CEF718; box-shadow:4px 4px 4px  
4px #CEF718 }
```

Background

The CSS property to change the background color of an element to Hex CEF718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEF718 }
```

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

```
.background{ background-color:#CEF718 }
```

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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