

Converting Colors

Hex(CEFA1C)

Have a look what the booklet for
Hex(CEFA1C) contains.

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Color

Hex(CEFA1C)

Conversions

Conversions Part 1

Format	Color
Hex	CEFA1C
RGB	206, 250, 28
RGB Percent	81%, 98%, 11%
CMY	0.1922, 0.0196, 0.8902
CMYK	0.18, 0.00, 0.89, 0.02
HSL	72°, 96%, 55%
HSV	72°, 89%, 98%
XYZ	59.8488, 81.5769, 13.6902
YIQ	211.5360, 45.0380, -78.3700

Conversions

Conversions Part 2

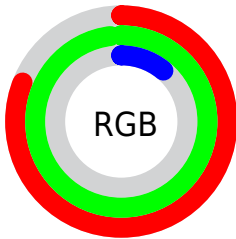
Format	Color
R _Y B	28, 250, 72
Decimal	13564444
CIE Lab	92.39, -38.63, 86.68
CIE LCh	92, 94.899, 114.021
Yxy	81.5769, 0.3858, 0.5259
Android (android.graphics.Color)	4291754524 (0xFFCEFA1C)
YUV	211.5360, -90.4832, -4.8551
Hunter-Lab	90.3199, -39.7801, 54.2371

Details

The Hex color **CEFA1C** 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 **481CFA**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFF66**, and **92C100** is the 20% darker color. If you saturate the color by 10%, you get **C9FA03**, and if you desaturate by 10%, it is **D3FA35**.

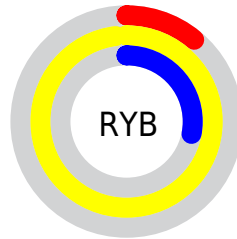
Distribution



Red (81%)

Green (98%)

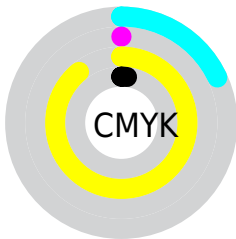
Blue (11%)



Red (11%)

Yellow (98%)

Blue (28%)

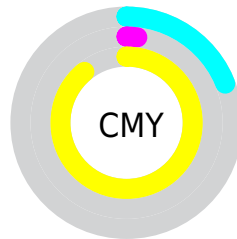


Cyan (18%)

Magenta (0%)

Yellow (89%)

Black (2%)



Cyan (19%)

Magenta (2%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEFA1C 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 CEFA1C by changing the saturation by 10% instead.

 CEFA1C

 CEFA1C

FFFFFF

 B0DD00

 FFFF66

 92C100

 FFFF84

 75A600

 FFFFA2

 588C00

 FFFF00

 3A7200

 FFFFDE

 185900

 FFFF00

 004100

 002B00

 000F00

 CEFA1C

 CEFA1C

 C9FA03

 D3FA35

 C8FA00

 D8FA4E

 DDFA67

 E2FA80

 E7FA99

 ECFAB2

 F1FACB

 F6FAE4

 FBFAFD

Harmonies

Analogous

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



FFDF00



CEFA1C



45FF77

Triad

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



CEFA1C



00FFFF



FF8EFF

Complementary

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



CEFA1C



481CFA

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



CEFA1C



00F9FF

Square

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



CEFA1C



00FFFF



C3D9FF



FF94A5

Rectangle

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



CEFA1C



00FFB4



C3D9FF



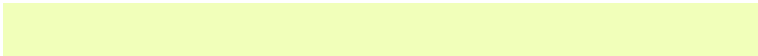
FF95FF

Sweetspot

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



CEFA1C



F1FFBA



FA451C



778057



000000



808080

Same Dimension

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



CEFA1C



CCFF00



62FA1C



7A7D70



97BD00



313D00

Inverse Universe

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



481CFA



3300FF



B41CFA



73707D



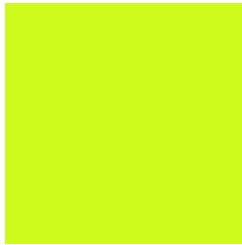
2500BD



0C003D

Previews

White Background



This preview shows how the Hex color CEFA1C looks on a white background.

Color Contrast Check

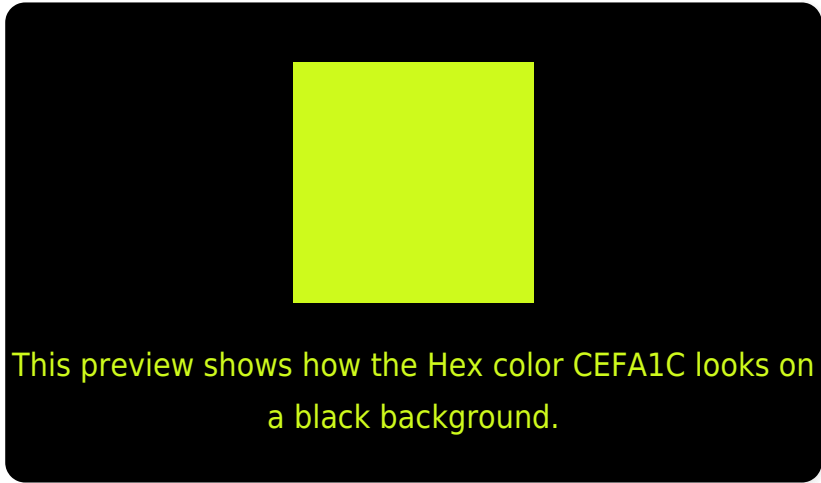
Large Text (above 18pt) WCAG AA × Fail

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 CEFA1C Background



This preview shows how black text looks on a background with the Hex color CEFA1C.

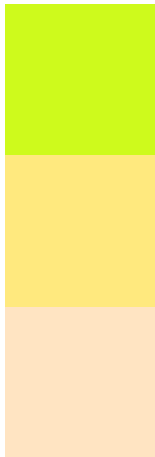


This preview shows how white text looks on a background with the Hex color CEFA1C.

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
CEFA1C

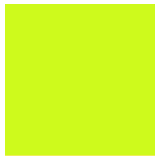
Protanopia
FFE97E

Deuteranopia
FFE4C2



Tritanopia
E2E8FB

Trichromacy



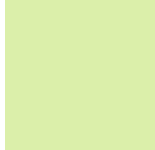
Original Color
CEFA1C



Protanomaly
EDEF5A



Deuteranomaly
EDEC86

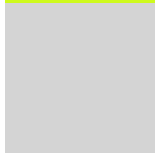


Tritanomaly
DBEFAA

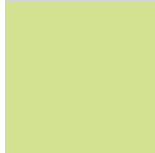
Monochromacy



Original Color
CEFA1C



Achromatopsia
D4D4D4



Achromatomaly
D2E291

CSS Examples

Text

The CSS property to change the color of the text to Hex CEFA1C 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 #CEFA1C looks like.

```
.text, #text, p{  
    color:#CEFA1C  
}
```

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 #CEFA1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEFA1C
}
```

Border

The CSS property to change the border of an element to Hex CEFA1C 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
#CEFA1C }
```

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

```
.border{ border-color:#CEFA1C }
```

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

Here you see how a box with a 4 pixel #CEFA1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEFA1C; -webkit-box-shadow:4px 4px  
4px 4px #CEFA1C; box-shadow:4px 4px 4px  
4px #CEFA1C }
```

Background

The CSS property to change the background color of an element to Hex CEFA1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEFA1C }
```

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

```
.background{ background-color:#CEFA1C }
```

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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