

Converting Colors

Hex(C1CF3E)

Have a look what the booklet for
Hex(C1CF3E) contains.

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Color

Hex(C1CF3E)

Conversions

Conversions Part 1

Format	Color
Hex	C1CF3E
RGB	193, 207, 62
RGB Percent	76%, 81%, 24%
CMY	0.2431, 0.1882, 0.7569
CMYK	0.07, 0.00, 0.70, 0.19
HSL	66°, 60%, 53%
HSV	66°, 70%, 81%
XYZ	45.1746, 56.3109, 13.0456
YIQ	186.2840, 38.2010, -48.0630

Conversions

Conversions Part 2

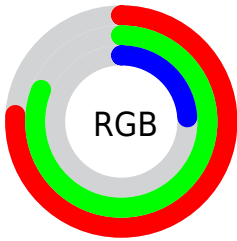
Format	Color
RYB	62, 207, 76
Decimal	12701502
CIELab	79.79, -22.69, 66.56
CIELCh	80, 70.320, 108.823
Yxy	56.3109, 0.3944, 0.4917
Android (android.graphics.Color)	4290891582 (0xFFC1CF3E)
YUV	186.2840, -61.2720, 5.8899
Hunter-Lab	75.0406, -23.8635, 42.2210

Details

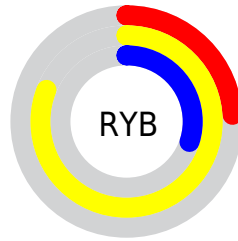
The Hex color **C1CF3E** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4C3ECF**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FCFF76**, and **889900** is the 20% darker color. If you saturate the color by 10%, you get **BFCF29**, and if you desaturate by 10%, it is **C3CF53**.

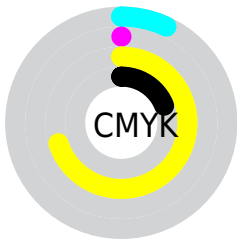
Distribution



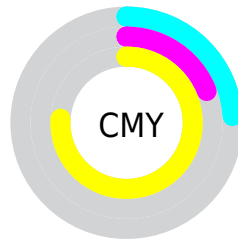
- Red (76%)
- Green (81%)
- Blue (24%)



- Red (24%)
- Yellow (81%)
- Blue (30%)



- Cyan (7%)
- Magenta (0%)
- Yellow (70%)
- Black (19%)



- Cyan (24%)
- Magenta (19%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1CF3E 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 C1CF3E by changing the saturation by 10% instead.

 C1CF3E

 C1CF3E

FFFFFF

 A4B41E

 FCFF76

 889900

 FFFF92

 6C7F00

 FFFFAE

 516600

 FFFF92

 364E00

 FFFF92

 1B3700

 002200

 000000

 C1CF3E

 C1CF3E

 BFCF29

 C3CF53

 BDCF15

 C5CF67

 BBCF00

 C7CF7C

 C9CF91

 CBCFA6

 CDCFBA

 CFCFCF

 D1CFE4

 D3CFF8

Harmonies

Analogous

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



FDBA3D



C1CF3E



72DD6B

Triad

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



C1CF3E



00E1FF



FF8CE1

Complementary

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



C1CF3E



4C3ECF

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.



FDA3FF



C1CF3E



00D4FF

Square

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



C1CF3E



00E6EE



9BBEFF



FF8C9F

Rectangle

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



C1CF3E



00E294



9BBEFF



FF92F7

Sweetspot

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



C1CF3E



FAFFC9



CF4A3E



7C8060



000000



808080

Same Dimension

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



C1CF3E



E AFF29



7ACF3E



68695E



98A800



252900

Inverse Universe

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



4C3ECF



3D29FF



933ECF



5F5E69



1000A8



040029

Previews

White Background



This preview shows how the Hex color C1CF3E looks on a white background.

Color Contrast Check

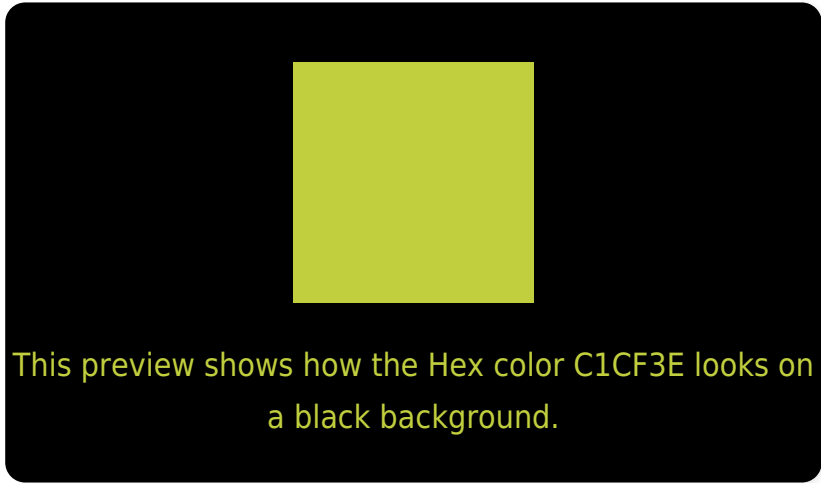
Large Text (above 18pt) WCAG AA × Fail

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 C1CF3E Background



This preview shows how black text looks on a background with the Hex color C1CF3E.



This preview shows how white text looks on a background with the Hex color C1CF3E.

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
C1CF3E

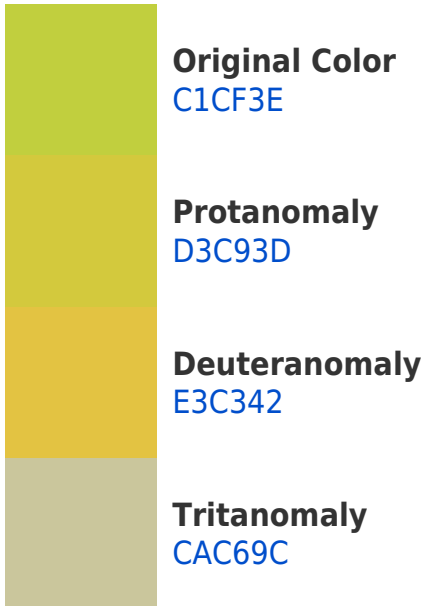
Protanopia
DDC63C

Deuteranopia
F7BC45



Tritanopia
CFC1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1CF3E 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 #C1CF3E looks like.

```
.text, #text, p{  
    color:#C1CF3E  
}
```

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 #C1CF3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1CF3E
}
```

Border

The CSS property to change the border of an element to Hex C1CF3E 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
#C1CF3E }
```

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

```
.border{ border-color:#C1CF3E }
```

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

Here you see how a box with a 4 pixel #C1CF3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1CF3E; -webkit-box-shadow:4px 4px  
4px 4px #C1CF3E; box-shadow:4px 4px 4px  
4px #C1CF3E }
```

Background

The CSS property to change the background color of an element to Hex C1CF3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1CF3E }
```

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

```
.background{ background-color:#C1CF3E }
```

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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