

Converting Colors

Hex(C3871E)

Have a look what the booklet for
Hex(C3871E) contains.

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Color

Hex(C3871E)

Conversions

Conversions Part 1

Format	Color
Hex	C3871E
RGB	195, 135, 30
RGB Percent	76%, 53%, 12%
CMY	0.2353, 0.4706, 0.8824
CMYK	0.00, 0.31, 0.85, 0.24
HSL	38°, 73%, 44%
HSV	38°, 85%, 76%
XYZ	31.4040, 29.0238, 5.1753
YIQ	140.9700, 69.4650, -19.9350

Conversions

Conversions Part 2

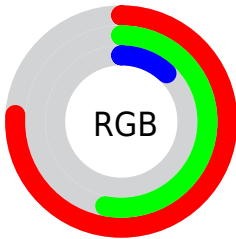
Format	Color
RYB	124, 195, 30
Decimal	12814110
CIELab	60.80, 14.62, 59.97
CIELCh	61, 61.727, 76.302
Yxy	29.0238, 0.4787, 0.4424
Android (android.graphics.Color)	4291004190 (0xFFC3871E)
YUV	140.9700, -54.7082, 47.3843
Hunter-Lab	53.8737, 9.7719, 32.0160

Details

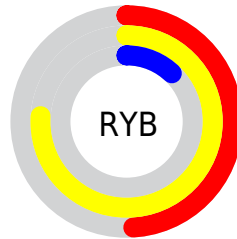
The Hex color **C3871E** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **1E5AC3**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFBC55**, and **885500** is the 20% darker color. If you saturate the color by 10%, you get **C3800B**, and if you desaturate by 10%, it is **C38E31**.

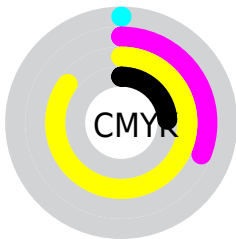
Distribution



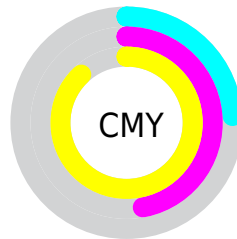
- Red (76%)
- Green (53%)
- Blue (12%)



- Red (49%)
- Yellow (76%)
- Blue (12%)



- Cyan (0%)
- Magenta (31%)
- Yellow (85%)
- Black (24%)



- Cyan (24%)
- Magenta (47%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3871E 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 C3871E by changing the saturation by 10% instead.

 C3871E

 C3871E

FFFFFF

 A56E00

 FFBC55

 885500

 FFD870

 6C3E00

 FFF48B

 4F2800

 FFFFA6

 351400

 FFFFC2

 1E0000

 FFFFDF

 000000

 FFFFFC

 C3871E

 C3871E

 C3800B

 C38E31

 C37C00

 C39545

 C39C59

 C3A36C

 C3AA80

 C3B293

 C3B9A7

 C3C0BA

 C3C7CE

Harmonies

Analogous

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



E67145



C3871E



92991A

Triad

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



C3871E



00ADB0



BB77DF

Complementary

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



C3871E



1E5AC3

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.



608FFC



C3871E



00A9E1

Square

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



C3871E



00AB77



00A0FD



E962AE

Rectangle

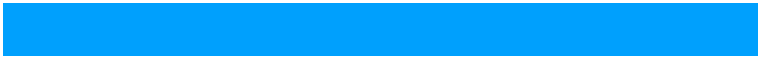
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C3871E



6AA233



00A0FD



A37FEB

Sweetspot

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



C3871E



FCE6BD



C31E5B



807259



000000



808080

Same Dimension

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



C3871E



FCA100



ADC31E



615D57



A16600



211500

Inverse Universe

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



1E5AC3



005CFC



341EC3



575B61



003AA1



000C21

Previews

White Background



This preview shows how the Hex color C3871E looks on a white background.

Color Contrast Check

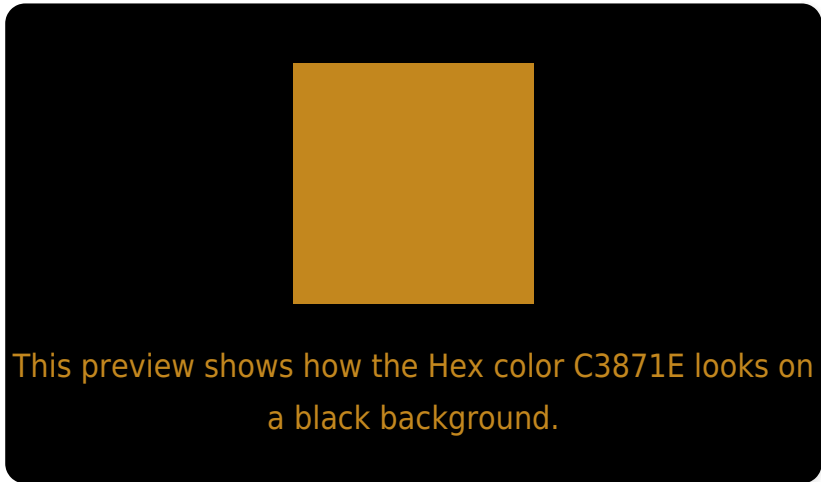
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C3871E Background



This preview shows how black text looks on a background with the Hex color C3871E.



This preview shows how white text looks on a background with the Hex color C3871E.

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
C3871E

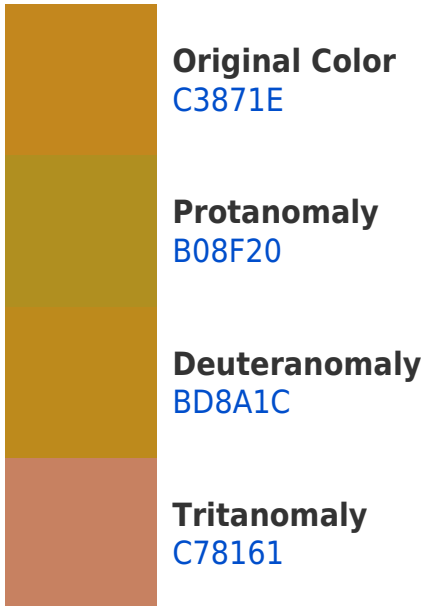
Protanopia
A59321

Deuteranopia
B98B1B

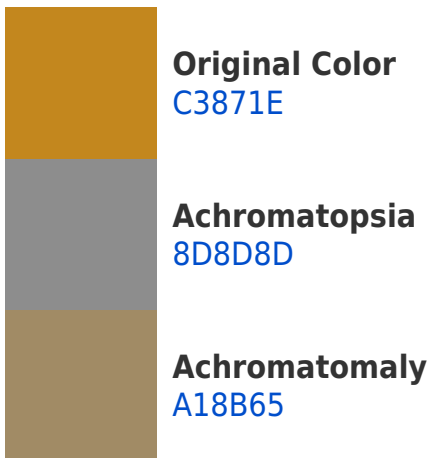


Tritanopia
C97E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3871E 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 #C3871E looks like.

```
.text, #text, p{  
    color:#C3871E  
}
```

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 #C3871E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3871E
}
```

Border

The CSS property to change the border of an element to Hex C3871E 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
#C3871E }
```

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

```
.border{ border-color:#C3871E }
```

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

Here you see how a box with a 4 pixel #C3871E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3871E; -webkit-box-shadow:4px 4px  
4px 4px #C3871E; box-shadow:4px 4px 4px  
4px #C3871E }
```

Background

The CSS property to change the background color of an element to Hex C3871E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3871E }
```

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

```
.background{ background-color:#C3871E }
```

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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