

# Converting Colors

Hex(C3A31E)

Have a look what the booklet for  
Hex(C3A31E) contains.

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# **Color**

**Hex(C3A31E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3A31E
RGB	195, 163, 30
RGB Percent	76%, 64%, 12%
CMY	0.2353, 0.3608, 0.8824
CMYK	0.00, 0.16, 0.85, 0.24
HSL	48°, 73%, 44%
HSV	48°, 85%, 76%
XYZ	35.8372, 37.8902, 6.6530
YIQ	157.4060, 61.7650, -34.5790

# Conversions

## Conversions Part 2

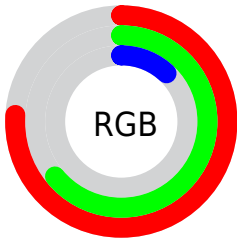
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 195, 30
Decimal	12821278
CIELab	67.94, -0.59, 65.95
CIELCh	68, 65.952, 90.514
Yxy	37.8902, 0.4458, 0.4714
Android (android.graphics.Color)	4291011358 (0xFFC3A31E)
YUV	157.4060, -62.8112, 32.9699
Hunter-Lab	61.5550, -3.7990, 36.6803

# Details

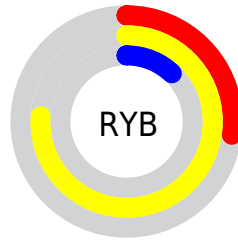
The Hex color **C3A31E** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **1E3EC3**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFDA59**, and **897000** is the 20% darker color. If you saturate the color by 10%, you get **C39F0B**, and if you desaturate by 10%, it is **C3A731**.

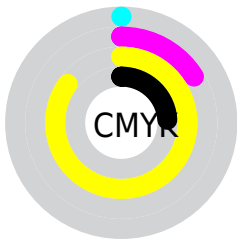
# Distribution



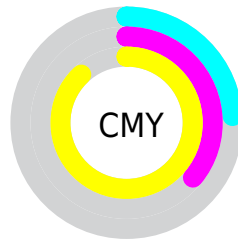
- Red (76%)
- Green (64%)
- Blue (12%)



- Red (27%)
- Yellow (76%)
- Blue (12%)



- Cyan (0%)
- Magenta (16%)
- Yellow (85%)
- Black (24%)



- Cyan (24%)
- Magenta (36%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3A31E 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 C3A31E by changing the saturation by 10% instead.



 C3A31E

 C3A31E

FFFFFF

 A68900

 FFDA59

 897000

 FFF675

 6D5800

 FFFF90

 514100

 FFFFAC

 372B00

 FFFFC9

 1E1700

 FFFFFE6

 000000

 C3A31E

 C3A31E

 C39F0B

 C3A731

 C39D00

 C3AB45

 C3AE59

 C3B26C

 C3B680

 C3BA93

 C3BDA7

 C3C1BA

 C3C5CE

# Harmonies

## Analogous

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



F18C3B



C3A31E



87B435

# Triad

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



C3A31E



00C1E0



EE7BE1

# Complementary

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



C3A31E



1E3EC3

# 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.



A795FF



C3A31E



00BBFF

# Square

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



C3A31E



00C2A5



00ACFF



FF6CA7

# Rectangle

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



C3A31E



52BB55



00ACFF



DB84F2



# Sweetspot

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



C3A31E



FCF0BD



C31E3F



807859



000000



808080



# Same Dimension

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



C3A31E



FCCB00



92C31E



615F57



A18100



211B00



# Inverse Universe

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



1E3EC3



0031FC



4F1EC3



575961



001FA1



000621



# Previews

## White Background



This preview shows how the Hex color C3A31E looks on a white background.

## Color Contrast Check

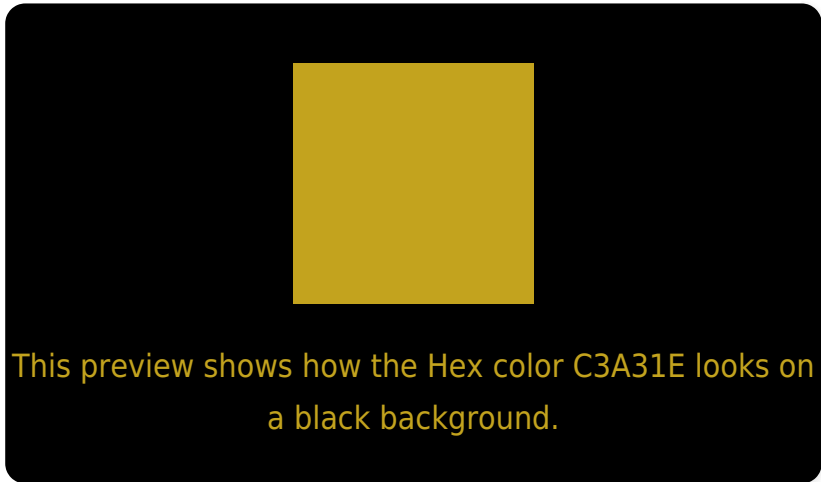
Large Text (above 18pt) WCAG AA × Fail

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 C3A31E Background



This preview shows how black text looks on a background with the Hex color C3A31E.

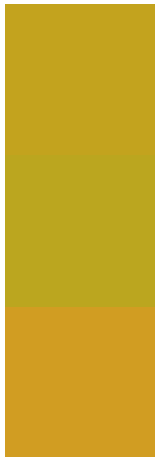


This preview shows how white text looks on a background with the Hex color C3A31E.

# 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**  
C3A31E

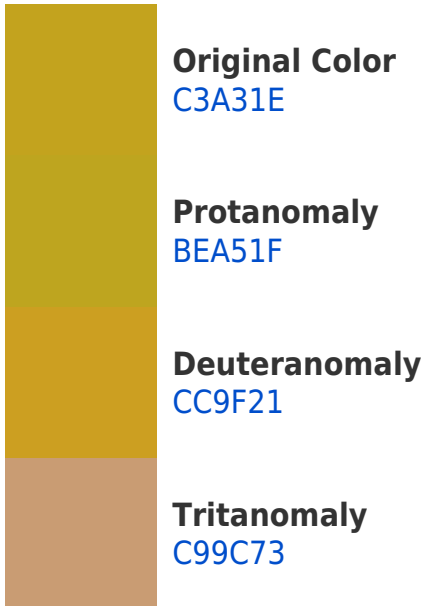
**Protanopia**  
BBA61F

**Deuteranopia**  
D19D22

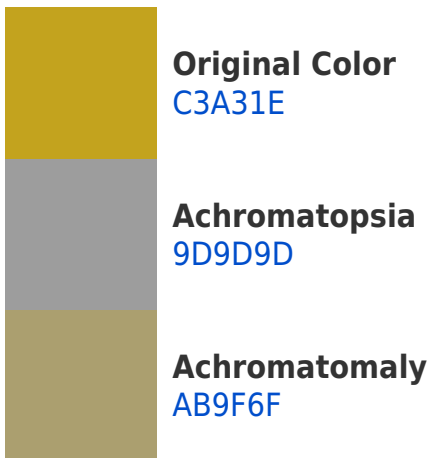


**Tritanopia**  
CC98A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3A31E 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 #C3A31E looks like.

```
.text, #text, p{  
    color:#C3A31E  
}
```

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 #C3A31E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3A31E
}
```

## Border

The CSS property to change the border of an element to Hex C3A31E 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
#C3A31E }
```

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

```
.border{ border-color:#C3A31E }
```

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

Here you see how a box with a 4 pixel #C3A31E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3A31E; -webkit-box-shadow:4px 4px  
4px 4px #C3A31E; box-shadow:4px 4px 4px  
4px #C3A31E }
```

# Background

The CSS property to change the background color of an element to Hex C3A31E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3A31E }
```

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

```
.background{ background-color:#C3A31E }
```

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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