

# Converting Colors

Hex(E3C51C)

Have a look what the booklet for  
Hex(E3C51C) contains.

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**Color**

**Hex(E3C51C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3C51C
RGB	227, 197, 28
RGB Percent	89%, 77%, 11%
CMY	0.1098, 0.2275, 0.8902
CMYK	0.00, 0.13, 0.88, 0.11
HSL	51°, 78%, 50%
HSV	51°, 88%, 89%
XYZ	51.8544, 56.3472, 9.2417
YIQ	186.7040, 72.1290, -46.1990

# Conversions

## Conversions Part 2

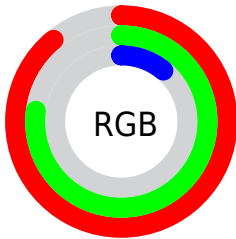
Format	Color
<a href="#">RYB</a>	<a href="#">63, 227, 28</a>
Decimal	<a href="#">14927132</a>
CIELab	<a href="#">79.81, -4.42, 77.30</a>
CIElCh	<a href="#">80, 77.424, 93.274</a>
Yxy	<a href="#">56.3472, 0.4415, 0.4798</a>
Android (android.graphics.Color)	<a href="#">4293117212 (0xFFE3C51C)</a>
YUV	<a href="#">186.7040, -78.2411, 35.3396</a>
Hunter-Lab	<a href="#">75.0648, -8.0564, 45.2458</a>

# Details

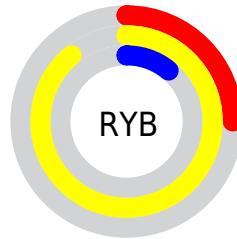
The Hex color **E3C51C** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **1C3AE3**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFFD5E**, and **A79000** is the 20% darker color. If you saturate the color by 10%, you get **E3C205**, and if you desaturate by 10%, it is **E3C833**.

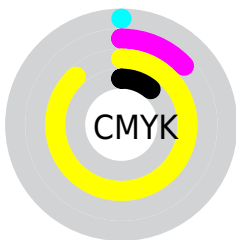
# Distribution



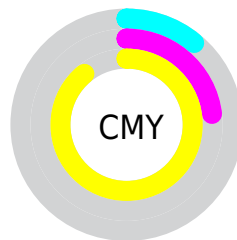
- Red (89%)
- Green (77%)
- Blue (11%)



- Red (25%)
- Yellow (89%)
- Blue (11%)



- Cyan (0%)
- Magenta (13%)
- Yellow (88%)
- Black (11%)



- Cyan (11%)
- Magenta (23%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3C51C 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 E3C51C by changing the saturation by 10% instead.



 E3C51C

 E3C51C

FFFFFF

 C5AA00

 FFFD5E

 A79000

 FFFF7B

 8A7600

 FFFF97

 6D5E00

 FFFFB4

 514700

 FFFFD1

 373100

 FFFFEF

 1E1C00

 000000

 E3C51C

 E3C51C

 E3C205

 E3C833

 E3C100

 E3CC49

 E3CF60

 E3D377

 E3D68E

 E3DAA4

 E3DDBB

 E3E0D2

 E3E4E8

# Harmonies

## Analogous

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



FFAA40



E3C51C



99D841

# Triad

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



E3C51C



00E7FF



FF8FFF

# Complementary

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



E3C51C



1C3AE3

# 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.



D1AFFF



E3C51C



00DEFF

# Square

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



E3C51C



00E8CC



00CCFF



FF7FC1

# Rectangle

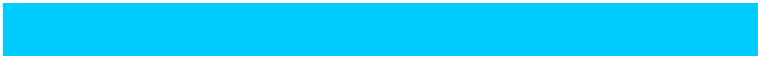
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3C51C



52E06A



00CCFF



FF99FF



# Sweetspot

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



E3C51C



FFF5BD



E31C3D



807A58



000000



808080



# Same Dimension

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



E3C51C



FFD900



A1E31C



737167



B39800



332B00



# Inverse Universe

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



1C3AE3



0026FF



5E1CE3



676973



001BB3



000833



# Previews

## White Background



This preview shows how the Hex color E3C51C looks on a white background.

## Color Contrast Check

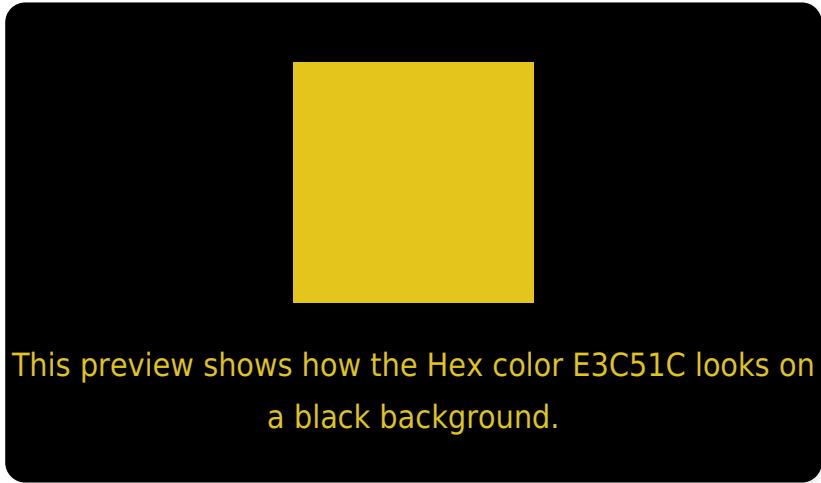
Large Text (above 18pt) WCAG AA × Fail

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 E3C51C Background



This preview shows how black text looks on a background with the Hex color E3C51C.

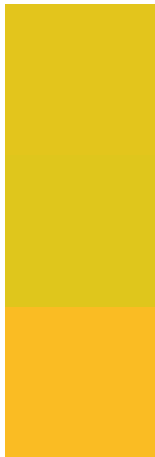


This preview shows how white text looks on a background with the Hex color E3C51C.

# 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**  
E3C51C

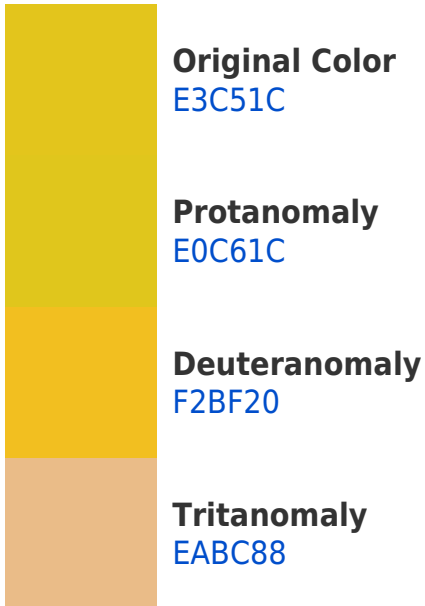
**Protanopia**  
DFC61C

**Deuteranopia**  
FABC23



**Tritanopia**  
EEB7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3C51C 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 #E3C51C looks like.

```
.text, #text, p{  
    color:#E3C51C  
}
```

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 #E3C51C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3C51C
}
```

## Border

The CSS property to change the border of an element to Hex E3C51C 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
#E3C51C }
```

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

```
.border{ border-color:#E3C51C }
```

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

Here you see how a box with a 4 pixel #E3C51C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3C51C; -webkit-box-shadow:4px 4px  
4px 4px #E3C51C; box-shadow:4px 4px 4px  
4px #E3C51C }
```

# Background

The CSS property to change the background color of an element to Hex E3C51C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3C51C }
```

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

```
.background{ background-color:#E3C51C }
```

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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