

# Converting Colors

Hex(E1C42E)

Have a look what the booklet for  
Hex(E1C42E) contains.

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# **Color**

**Hex(E1C42E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1C42E
RGB	225, 196, 46
RGB Percent	88%, 77%, 18%
CMY	0.1176, 0.2314, 0.8196
CMYK	0.00, 0.13, 0.80, 0.12
HSL	50°, 75%, 53%
HSV	50°, 80%, 88%
XYZ	51.2844, 55.6847, 10.6300
YIQ	187.5710, 65.4340, -40.5020

# Conversions

## Conversions Part 2

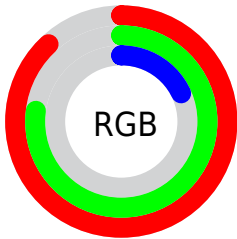
Format	Color
<a href="#">RYB</a>	<a href="#">81, 225, 46</a>
Decimal	<a href="#">14795822</a>
CIELab	<a href="#">79.43, -4.30, 72.45</a>
CIELCh	<a href="#">79, 72.577, 93.396</a>
Yxy	<a href="#">55.6847, 0.4361, 0.4735</a>
Android (android.graphics.Color)	<a href="#">4292985902</a> ( <a href="#">0xFFE1C42E</a> )
YUV	<a href="#">187.5710, -69.7945, 32.8252</a>
Hunter-Lab	<a href="#">74.6222, -7.9139, 43.7896</a>

# Details

The Hex color **E1C42E** 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 **2E4BE1**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFFC69**, and **A58F00** is the 20% darker color. If you saturate the color by 10%, you get **E1C018**, and if you desaturate by 10%, it is **E1C844**.

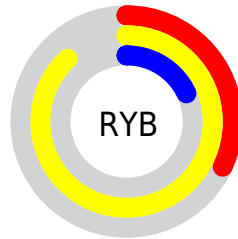
# Distribution



Red (88%)

Green (77%)

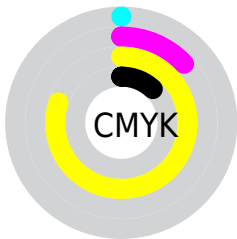
Blue (18%)



Red (32%)

Yellow (88%)

Blue (18%)

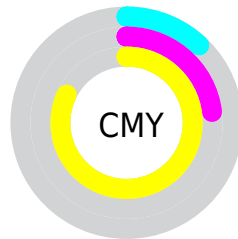


Cyan (0%)

Magenta (13%)

Yellow (80%)

Black (12%)



Cyan (12%)

Magenta (23%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1C42E 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 E1C42E by changing the saturation by 10% instead.



 E1C42E

 E1C42E

FFFFFF

 C3A900

 FFFC69

 A58F00

 FFFF85

 887500

 FFFFA1

 6C5D00

 FFFFBE

 504600

 FFFFDB

 363000

 FFFFF9

 1D1B00

 000000

 E1C42E

 E1C42E

 E1C018

 E1C844

 E1BD01

 E1CB5B

 E1BD00

 E1CF72

 E1D388

 E1D69F

 E1DAB5

 E1DECB

 E1E1E2

 E1E5F8

# Harmonies

## Analogous

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



FFAB49



E1C42E



9CD64B

# Triad

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



E1C42E



00E4FF



FF93FF

# Complementary

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



E1C42E



2E4BE1

# 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.



D1B0FF



E1C42E



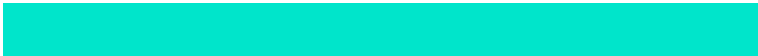
00DCFF

# Square

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



E1C42E



00E5CB



1ACAFF



FF85C0

# Rectangle

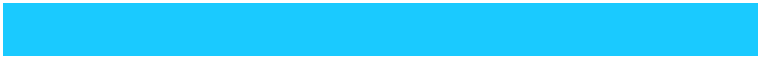
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E1C42E



5CDE70



1ACAFF



FF9CFF



# Sweetspot

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



E1C42E



FFF5C2



E12E4C



807A5B



000000



808080



# Same Dimension

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



E1C42E



FFD80D



A5E12E



706E65



B09300



302900



# Inverse Universe

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



2E4BE1



0D34FF



6A2EE1



656770



001DB0



000830



# Previews

## White Background



This preview shows how the Hex color E1C42E looks on a white background.

## Color Contrast Check

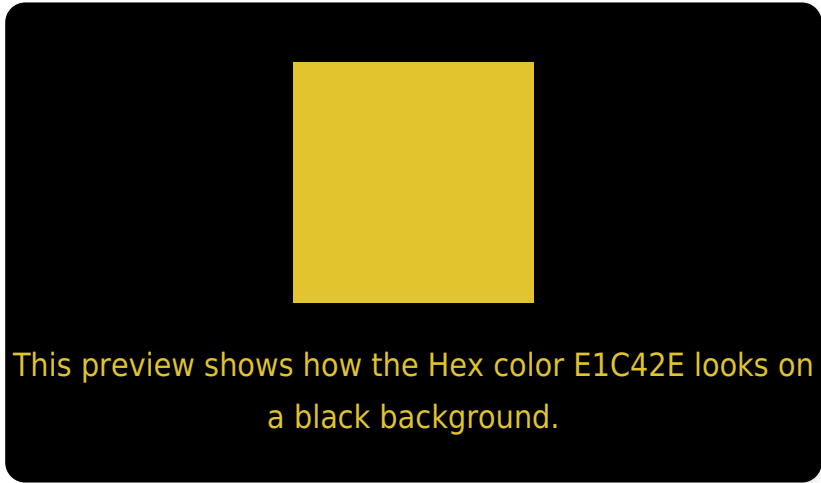
Large Text (above 18pt) WCAG AA × Fail

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 E1C42E Background



This preview shows how black text looks on a background with the Hex color E1C42E.

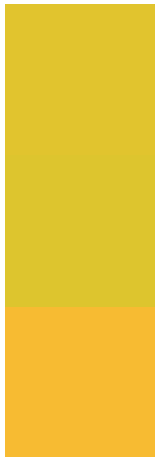


This preview shows how white text looks on a background with the Hex color E1C42E.

# 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



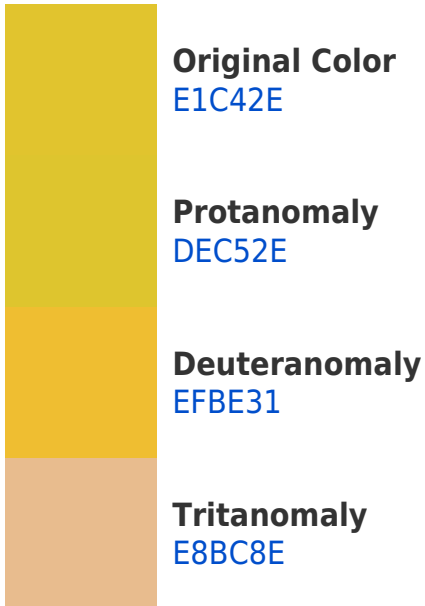
**Original Color**  
E1C42E

**Protanopia**  
DDC52E

**Deuteranopia**  
F7BB32



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1C42E 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 #E1C42E looks like.

```
.text, #text, p{  
    color:#E1C42E  
}
```

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 #E1C42E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1C42E
}
```

## Border

The CSS property to change the border of an element to Hex E1C42E 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
#E1C42E }
```

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

```
.border{ border-color:#E1C42E }
```

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

Here you see how a box with a 4 pixel #E1C42E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1C42E; -webkit-box-shadow:4px 4px  
4px 4px #E1C42E; box-shadow:4px 4px 4px  
4px #E1C42E }
```

# Background

The CSS property to change the background color of an element to Hex E1C42E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1C42E }
```

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

```
.background{ background-color:#E1C42E }
```

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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