

# Converting Colors

Hex(E2C12E)

Have a look what the booklet for  
Hex(E2C12E) contains.

<b>Hex(E2C12E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E2C12E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2C12E
RGB	226, 193, 46
RGB Percent	89%, 76%, 18%
CMY	0.1137, 0.2431, 0.8196
CMYK	0.00, 0.15, 0.80, 0.11
HSL	49°, 76%, 53%
HSV	49°, 80%, 89%
XYZ	50.9271, 54.5059, 10.4213
YIQ	186.1090, 66.8550, -38.7210

# Conversions

## Conversions Part 2

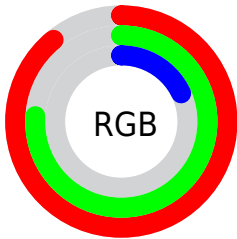
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 226, 46
Decimal	14860590
CIE <sub>Lab</sub>	78.76, -2.32, 71.89
CIE <sub>LCh</sub>	79, 71.924, 91.851
Yxy	54.5059, 0.4396, 0.4705
Android (android.graphics.Color)	4293050670 (0xFFE2C12E)
YUV	186.1090, -69.0737, 34.9844
Hunter-Lab	73.8281, -6.0688, 43.3105

# Details

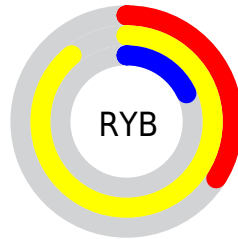
The Hex color **E2C12E** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **2E4FE2**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFF969**, and **A68C00** is the 20% darker color. If you saturate the color by 10%, you get **E2BD17**, and if you desaturate by 10%, it is **E2C545**.

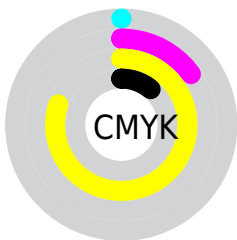
# Distribution



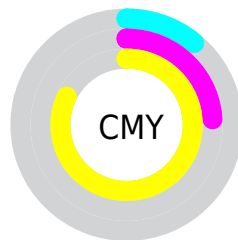
- Red (89%)
- Green (76%)
- Blue (18%)



- Red (34%)
- Yellow (89%)
- Blue (18%)



- Cyan (0%)
- Magenta (15%)
- Yellow (80%)
- Black (11%)



- Cyan (11%)
- Magenta (24%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2C12E 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 E2C12E by changing the saturation by 10% instead.



 E2C12E

 E2C12E

FFFFFF

 C4A600

 FFF969

 A68C00

 FFFF85

 897300

 FFFFA1

 6D5A00

 FFFFBE

 514300

 FFFFDB

 372E00

 FFFFF8

 1E1900

 000000

 E2C12E

 E2C12E

 E2BD17

 E2C545

 E2B901

 E2C95B

 E2B900

 E2CD72

 E2D288

 E2D69F

 E2DAB6

 E2DECC

 E2E2E3

 E2E6F9

# Harmonies

## Analogous

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



FFA84A



E2C12E



9ED348

# Triad

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



E2C12E



00E2FF



FF93FF

# Complementary

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



E2C12E



2E4FE2

# Split Complementary

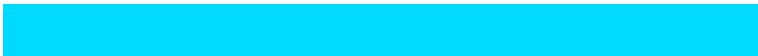
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C9AFFF



E2C12E



00DAFF

# Square

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



E2C12E



00E3C5



00C9FF



FF84C2

# Rectangle

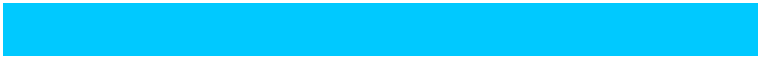
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E2C12E



62DB6C



00C9FF



FF9CFF



# Sweetspot

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



E2C12E



FFF4C2



E22E4F



80795B



000000



808080



# Same Dimension

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



E2C12E



FFD20A



A9E22E



706E65



B09000



302800



# Inverse Universe

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



2E4FE2



0A37FF



672EE2



656770



0020B0



000930



# Previews

## White Background



This preview shows how the Hex color E2C12E looks on a white background.

## Color Contrast Check

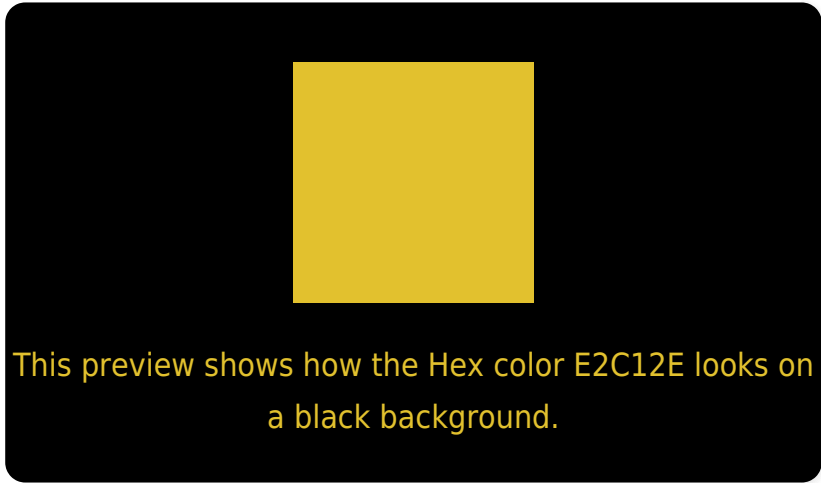
Large Text (above 18pt) WCAG AA × Fail

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 E2C12E Background



This preview shows how black text looks on a background with the Hex color E2C12E.



This preview shows how white text looks on a background with the Hex color E2C12E.

# 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**  
E2C12E

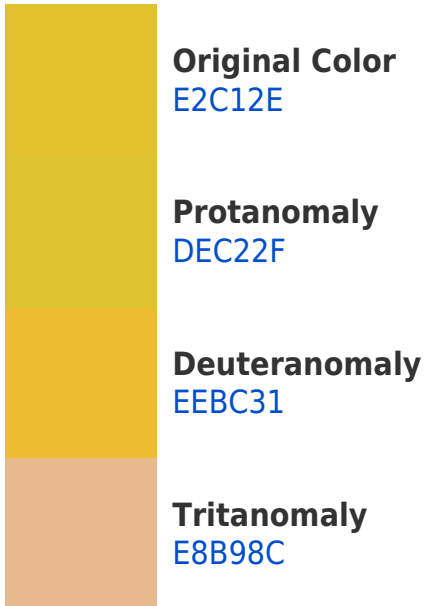
**Protanopia**  
DBC32F

**Deuteranopia**  
F5B932

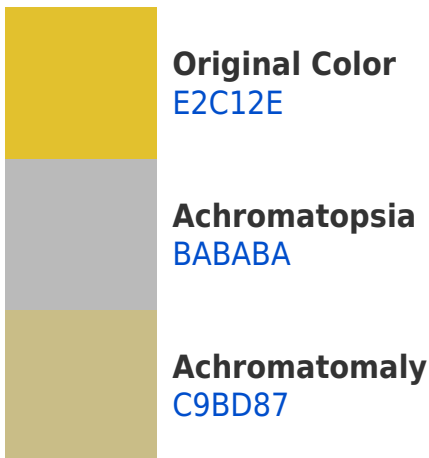


**Tritanopia**  
ECB4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2C12E 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 #E2C12E looks like.

```
.text, #text, p{  
    color:#E2C12E  
}
```

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 #E2C12E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2C12E
}
```

## Border

The CSS property to change the border of an element to Hex E2C12E 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
#E2C12E }
```

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

```
.border{ border-color:#E2C12E }
```

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

Here you see how a box with a 4 pixel #E2C12E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2C12E; -webkit-box-shadow:4px 4px  
4px 4px #E2C12E; box-shadow:4px 4px 4px  
4px #E2C12E }
```

# Background

The CSS property to change the background color of an element to Hex E2C12E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2C12E }
```

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

```
.background{ background-color:#E2C12E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor