

# Converting Colors

Hex(E0C11D)

Have a look what the booklet for  
Hex(E0C11D) contains.

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# **Color**

**Hex(E0C11D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0C11D
RGB	224, 193, 29
RGB Percent	88%, 76%, 11%
CMY	0.1216, 0.2431, 0.8863
CMYK	0.00, 0.14, 0.87, 0.12
HSL	50°, 77%, 50%
HSV	50°, 87%, 88%
XYZ	50.0322, 54.0759, 8.9631
YIQ	183.5730, 71.1200, -44.4320

# Conversions

## Conversions Part 2

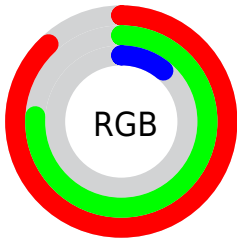
Format	Color
<b>RYB</b>	66, 224, 29
Decimal	14729501
CIELab	78.51, -3.64, 75.94
CIELCh	79, 76.026, 92.744
Yxy	54.0759, 0.4425, 0.4782
Android (android.graphics.Color)	4292919581 (0xFFE0C11D)
YUV	183.5730, -76.2045, 35.4545
Hunter-Lab	73.5363, -7.2419, 44.2488

# Details

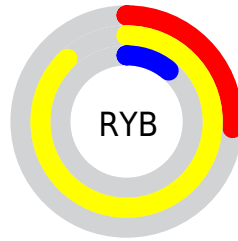
The Hex color **E0C11D** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **1D3CE0**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFF95E**, and **A48C00** is the 20% darker color. If you saturate the color by 10%, you get **E0BD07**, and if you desaturate by 10%, it is **E0C533**.

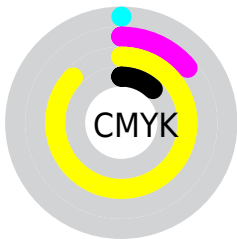
# Distribution



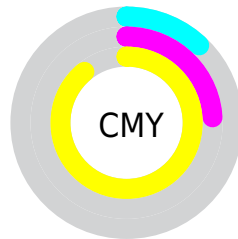
- Red (88%)
- Green (76%)
- Blue (11%)



- Red (26%)
- Yellow (88%)
- Blue (11%)



- Cyan (0%)
- Magenta (14%)
- Yellow (87%)
- Black (12%)



- Cyan (12%)
- Magenta (24%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0C11D 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 E0C11D by changing the saturation by 10% instead.



 E0C11D

 E0C11D

FFFFFF

 C2A600

 FFF95E

 A48C00

 FFFF7A

 877300

 FFFF97

 6A5B00

 FFFFB4

 4F4300

 FFFFD1

 342E00

 FFFFEE

 1C1900

 000000

 E0C11D

 E0C11D

 E0BD07

 E0C533

 E0BC00

 E0C84A

 E0CC60

 E0CF77

 E0D38D

 E0D6A3

 E0DABA

 E0DDDO

 E0E1E7

# Harmonies

## Analogous

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



FFA640



E0C11D



98D43F

# Triad

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



E0C11D



00E2FF



FF8EFF

# Complementary

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



E0C11D



1D3CE0

# 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.



CBADFF



E0C11D



00DAFF

# Square

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



E0C11D



00E4C7



00C8FF



FF7DBF

# Rectangle

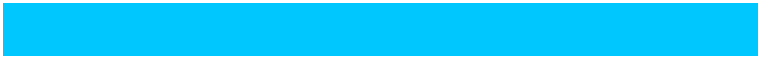
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E0C11D



54DC68



00C8FF



FF97FF



# Sweetspot

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



E0C11D



FFF4BD



E01D3E



807958



000000



808080



# Same Dimension

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



E0C11D



FFD600



9FE01D



706E65



B09400



302900



# Inverse Universe

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



1D3CE0



0029FF



5E1DE0



656770



001CB0

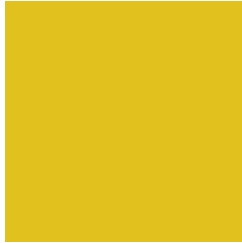


000830



# Previews

## White Background



This preview shows how the Hex color E0C11D looks on a white background.

## Color Contrast Check

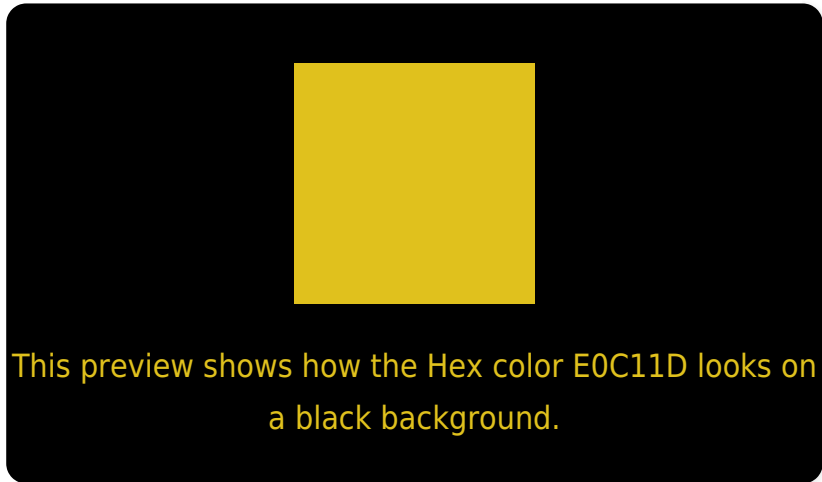
Large Text (above 18pt) WCAG AA × Fail

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 E0C11D Background



This preview shows how black text looks on a background with the Hex color E0C11D.



This preview shows how white text looks on a background with the Hex color E0C11D.

# 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**  
E0C11D

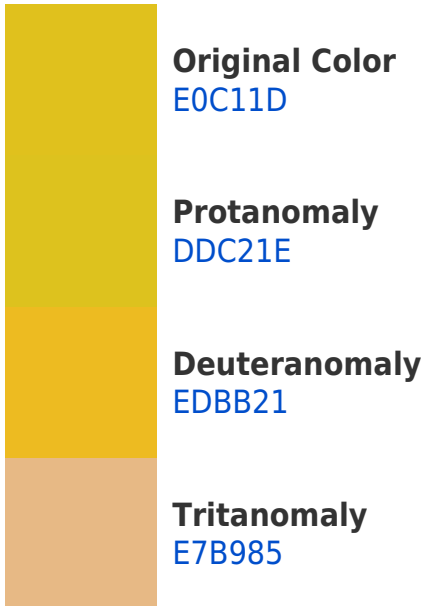
**Protanopia**  
DBC31E

**Deuteranopia**  
F5B824



**Tritanopia**  
EBB4C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0C11D 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 #E0C11D looks like.

```
.text, #text, p{  
    color:#E0C11D  
}
```

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 #E0C11D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0C11D
}
```

## Border

The CSS property to change the border of an element to Hex E0C11D 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
#E0C11D }
```

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

```
.border{ border-color:#E0C11D }
```

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

Here you see how a box with a 4 pixel #E0C11D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0C11D; -webkit-box-shadow:4px 4px  
4px 4px #E0C11D; box-shadow:4px 4px 4px  
4px #E0C11D }
```

# Background

The CSS property to change the background color of an element to Hex E0C11D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0C11D }
```

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

```
.background{ background-color:#E0C11D }
```

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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