

Converting Colors

Hex(E0C72A)

Have a look what the booklet for
Hex(E0C72A) contains.

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Color

Hex(E0C72A)

Conversions

Conversions Part 1

Format	Color
Hex	E0C72A
RGB	224, 199, 42
RGB Percent	88%, 78%, 16%
CMY	0.1216, 0.2196, 0.8353
CMYK	0.00, 0.11, 0.81, 0.12
HSL	52°, 75%, 52%
HSV	52°, 81%, 88%
XYZ	51.5818, 56.8613, 10.4472
YIQ	188.5770, 65.2970, -43.5270

Conversions

Conversions Part 2

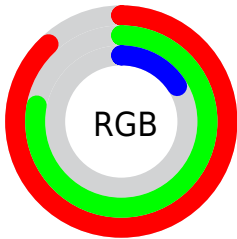
Format	Color
RYB	71, 224, 42
Decimal	14731050
CIELab	80.10, -6.39, 74.13
CIElCh	80, 74.406, 94.927
Yxy	56.8613, 0.4339, 0.4783
Android (android.graphics.Color)	4292921130 (0xFFE0C72A)
YUV	188.5770, -72.2625, 31.0660
Hunter-Lab	75.4064, -9.8583, 44.5702

Details

The Hex color **E0C72A** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **2A43E0**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFFF67**, and **A49200** is the 20% darker color. If you saturate the color by 10%, you get **E0C414**, and if you desaturate by 10%, it is **E0CA40**.

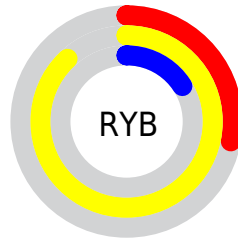
Distribution



Red (88%)

Green (78%)

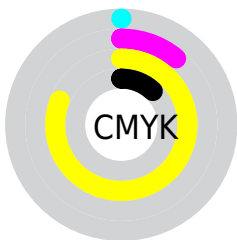
Blue (16%)



Red (28%)

Yellow (88%)

Blue (16%)

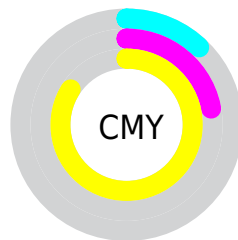


Cyan (0%)

Magenta (11%)

Yellow (81%)

Black (12%)



Cyan (12%)

Magenta (22%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0C72A 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 E0C72A by changing the saturation by 10% instead.

 E0C72A

 E0C72A

FFFFFF

 C2AC00

 FFFF67

 A49200

 FFFF83

 877800

 FFFF9F

 6B6000

 FFFFBC

 4F4800

 FFFFD9

 353200

 FFFFF7

 1C1D00

 000100

 000000

 E0C72A

 E0C72A

 E0C414

 E0CA40

 E0C100

 E0CD57

 E0D06D

 E0D384

 E0D69A

 E0D9B0

 E0DDC7

 E0E0DD

 E0E3F4

Harmonies

Analogous

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



FFAD44



E0C72A



98D94B

Triad

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



E0C72A



00E6FF



FF92FF

Complementary

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



E0C72A



2A43E0

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.



D8AFFF



E0C72A



00DDFF

Square

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



E0C72A



00E8D0



2ACBFF



FF84BE

Rectangle

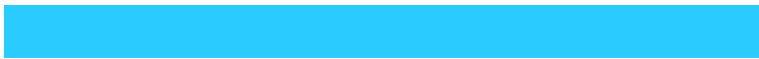
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E0C72A



53E173



2ACBFF



FF9BFF

Sweetspot

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



E0C72A



FFF7C2



E02A45



807A5B



000000



808080

Same Dimension

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



E0C72A



FFDD05



A0E02A



706F65



B09800



302A00

Inverse Universe

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



2A43E0



0527FF



6A2AE0



656770



0018B0



000730

Previews

White Background



This preview shows how the Hex color E0C72A looks on a white background.

Color Contrast Check

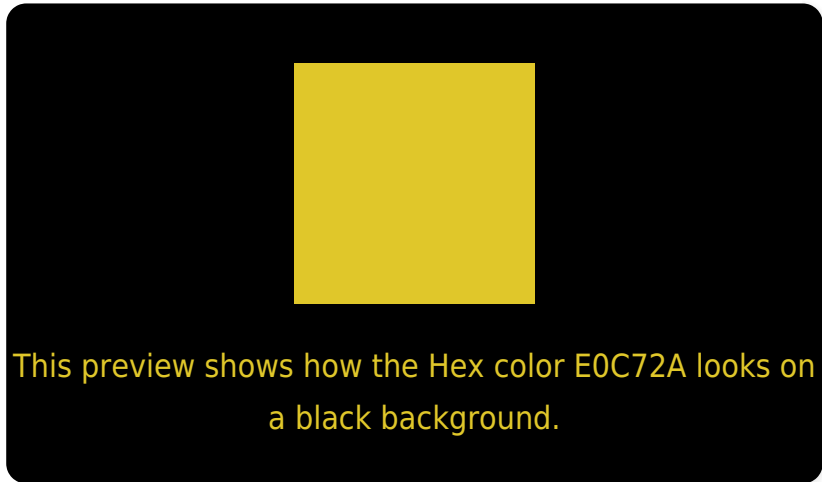
Large Text (above 18pt) WCAG AA × Fail

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 E0C72A Background



This preview shows how black text looks on a background with the Hex color E0C72A.



This preview shows how white text looks on a background with the Hex color E0C72A.

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
E0C72A

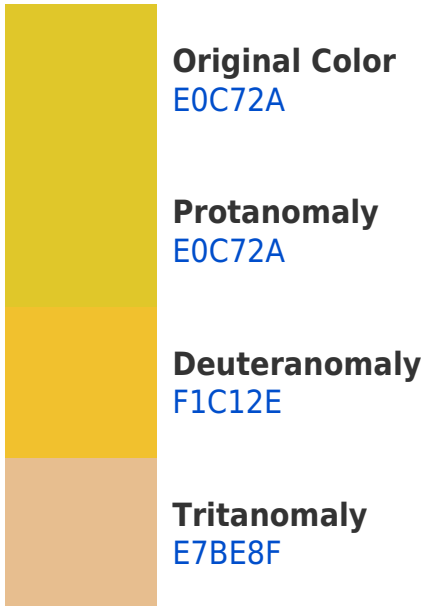
Protanopia
E0C72A

Deuteranopia
FABD30

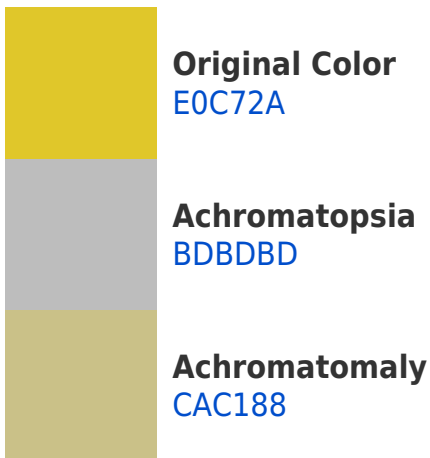


Tritanopia
EBB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E0C72A 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 #E0C72A looks like.

```
.text, #text, p{  
    color:#E0C72A  
}
```

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 #E0C72A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0C72A
}
```

Border

The CSS property to change the border of an element to Hex E0C72A 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
#E0C72A }
```

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

```
.border{ border-color:#E0C72A }
```

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

Here you see how a box with a 4 pixel #E0C72A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0C72A; -webkit-box-shadow:4px 4px  
4px 4px #E0C72A; box-shadow:4px 4px 4px  
4px #E0C72A }
```

Background

The CSS property to change the background color of an element to Hex E0C72A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0C72A }
```

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

```
.background{ background-color:#E0C72A }
```

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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