

Converting Colors

Hex(E0CD4A)

Have a look what the booklet for
Hex(E0CD4A) contains.

Hex(E0CD4A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E0CD4A)

Conversions

Conversions Part 1

Format	Color
Hex	E0CD4A
RGB	224, 205, 74
RGB Percent	88%, 80%, 29%
CMY	0.1216, 0.1961, 0.7098
CMYK	0.00, 0.08, 0.67, 0.12
HSL	52°, 71%, 58%
HSV	52°, 67%, 88%
XYZ	53.8078, 60.0043, 15.2246
YIQ	195.7470, 53.3750, -36.7130

Conversions

Conversions Part 2

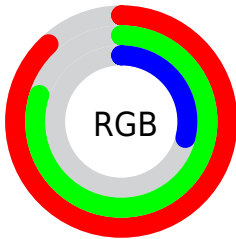
Format	Color
RYB	96, 224, 74
Decimal	14732618
CIELab	81.84, -8.10, 64.88
CIELCh	82, 65.388, 97.118
Yxy	60.0043, 0.4170, 0.4650
Android (android.graphics.Color)	4292922698 (0xFFE0CD4A)
YUV	195.7470, -60.0213, 24.7779
Hunter-Lab	77.4625, -11.5677, 42.5708

Details

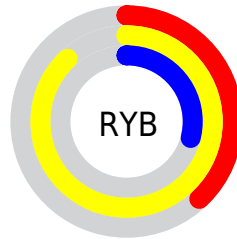
The Hex color **E0CD4A** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4A5DE0**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFF81**, and **A59704** is the 20% darker color. If you saturate the color by 10%, you get **E0CA34**, and if you desaturate by 10%, it is **E0D060**.

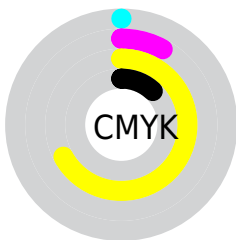
Distribution



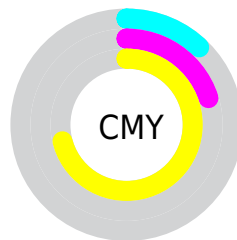
- Red (88%)
- Green (80%)
- Blue (29%)



- Red (38%)
- Yellow (88%)
- Blue (29%)



- Cyan (0%)
- Magenta (8%)
- Yellow (67%)
- Black (12%)



- Cyan (12%)
- Magenta (20%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0CD4A 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 E0CD4A by changing the saturation by 10% instead.

 E0CD4A

 E0CD4A

FFFFFF

 C2B22D

 FFFF81

 A59704

 FFFF9D

 897D00

 FFFFB9

 6D6500

 FFFFDD

 524D00

 FFFFF3

 373700

 1E2200

 000C00

 000000

 E0CD4A

 E0CD4A

 E0CA34

 E0D060

 E0C71D

 E0D377

 E0C407

 E0D68D

 E0C400

 E0D8A4

 E0DBBA

 E0DED0

 E0E1E7

 E0E4FD

 E0E7FF

Harmonies

Analogous

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



FFB759



E0CD4A



9FDD65

Triad

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



E0CD4A



00E8FF



FF9EFC

Complementary

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



E0CD4A



4A5DE0

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.



E2B5FF



E0CD4A



00DFFF

Square

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



E0CD4A



00EAD9



72CDFE



FF95BF

Rectangle

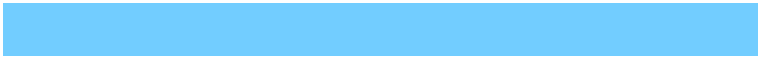
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E0CD4A



66E486



72CDFF



FFA5FF

Sweetspot

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



E0CD4A



FFF9CC



E04A5E



807C61



000000



808080

Same Dimension

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



E0CD4A



FFE533



A9E04A



706F65



B09A00



302A00

Inverse Universe

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



4A5DE0



334DFF



814AE0



656670



0016B0



000630

Previews

White Background



This preview shows how the Hex color E0CD4A looks on a white background.

Color Contrast Check

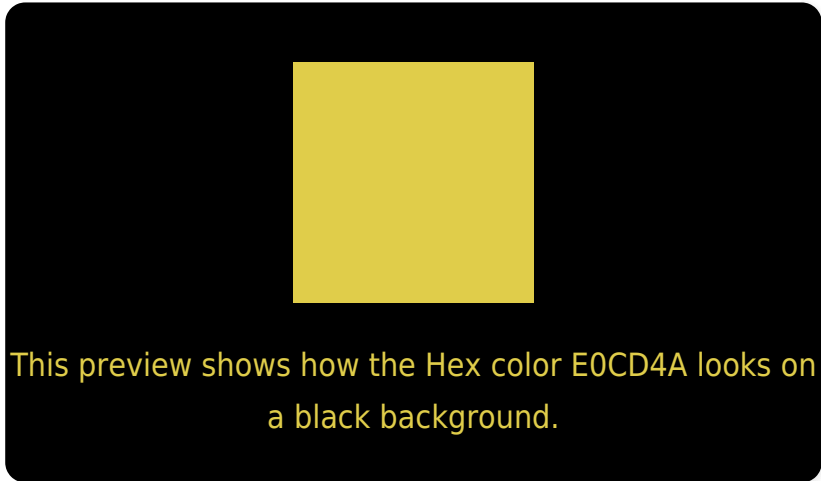
Large Text (above 18pt) WCAG AA × Fail

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 E0CD4A Background



This preview shows how black text looks on a background with the Hex color E0CD4A.

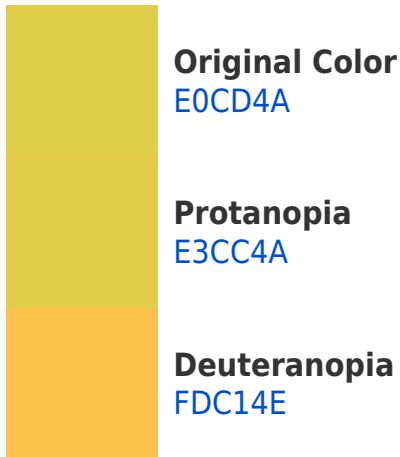


This preview shows how white text looks on a background with the Hex color E0CD4A.

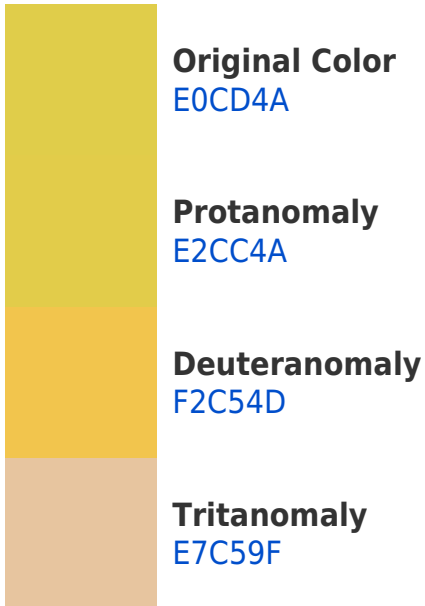
Color Blindness Simulation

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](#).

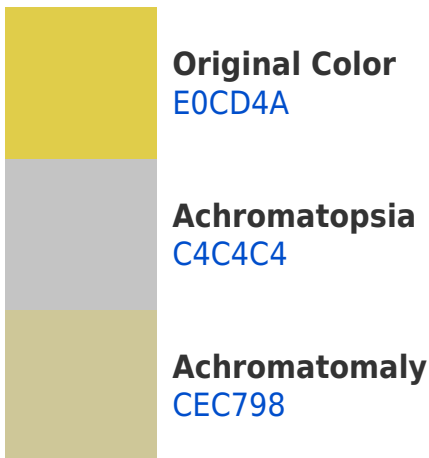
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E0CD4A 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 #E0CD4A looks like.

```
.text, #text, p{  
    color:#E0CD4A  
}
```

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 #E0CD4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0CD4A
}
```

Border

The CSS property to change the border of an element to Hex E0CD4A 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
#E0CD4A }
```

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

```
.border{ border-color:#E0CD4A }
```

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

Here you see how a box with a 4 pixel #E0CD4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0CD4A; -webkit-box-shadow:4px 4px  
4px 4px #E0CD4A; box-shadow:4px 4px 4px  
4px #E0CD4A }
```

Background

The CSS property to change the background color of an element to Hex E0CD4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0CD4A }
```

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

```
.background{ background-color:#E0CD4A }
```

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