

# Converting Colors

Hex(E0C874)

Have a look what the booklet for  
Hex(E0C874) contains.

<b>Hex(E0C874)</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(E0C874)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0C874
RGB	224, 200, 116
RGB Percent	88%, 78%, 45%
CMY	0.1216, 0.2157, 0.5451
CMYK	0.00, 0.11, 0.48, 0.12
HSL	47°, 64%, 67%
HSV	47°, 48%, 88%
XYZ	54.5471, 58.4168, 24.9236
YIQ	197.6000, 41.2680, -21.0360

# Conversions

## Conversions Part 2

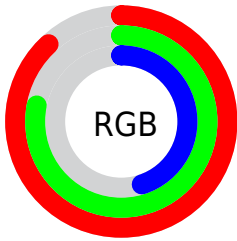
Format	Color
<a href="#">RYB</a>	<a href="#">147, 224, 116</a>
Decimal	<a href="#">14731380</a>
CIELab	<a href="#">80.97, -2.46, 44.85</a>
CIElCh	<a href="#">81, 44.914, 93.145</a>
Yxy	<a href="#">58.4168, 0.3956, 0.4237</a>
Android (android.graphics.Color)	<a href="#">4292921460 (0xFFE0C874)</a>
YUV	<a href="#">197.6000, -40.2288, 23.1528</a>
Hunter-Lab	<a href="#">76.4309, -6.3623, 34.1675</a>

# Details

The Hex color **E0C874** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **748CE0**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFA9**, and **A79241** is the 20% darker color. If you saturate the color by 10%, you get **E0C35E**, and if you desaturate by 10%, it is **E0CD8A**.

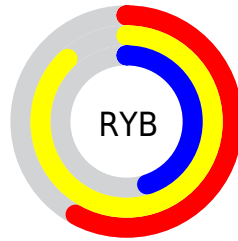
# Distribution



Red (88%)

Green (78%)

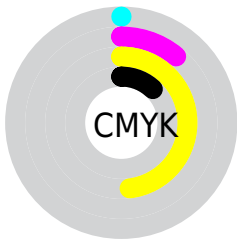
Blue (45%)



Red (58%)

Yellow (88%)

Blue (45%)

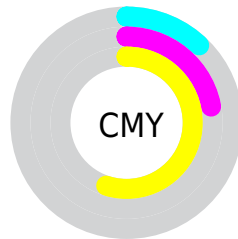


Cyan (0%)

Magenta (11%)

Yellow (48%)

Black (12%)



Cyan (12%)

Magenta (22%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0C874 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 E0C874 by changing the saturation by 10% instead.



 E0C874

 E0C874

FFFFFF

 C3AD5A

 FFFFA9

 A79241

 FFFFC5

 8B7928

 FFFFE2

 70600C

 564900

 3C3200

 231E00

 000500

 000000

 E0C874

 E0C874

 E0C35E

 E0CD8A

 E0BE47

 E0D2A1

 E0B931

 E0D7B7

 E0B41A

 E0DCCE

 E0AF04

 E0E1E4

 E0AE00

 E0E6FA

 E0EBFF

 E0F0FF

 E0F5FF

# Harmonies

## Analogous

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



FFB97F



E0C874



B4D481

# Triad

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



E0C874



00DEF6



FFAEF0

# Complementary

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



E0C874



748CE0

# 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.



D3BCFF



E0C874



3ED7FF

# Square

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



E0C874



40DFCC



92CCFF



FFA8C6

# Rectangle

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



E0C874



92DA95



92CCFF



F5B3FC



# Sweetspot

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



E0C874



FFF7DB



E0748D



807B6A



000000



808080



# Same Dimension

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



E0C874



FFDE6B



C3E074



706E65



B08900



302600



# Inverse Universe

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



748CE0



6B8CFF



9174E0



656770



0027B0

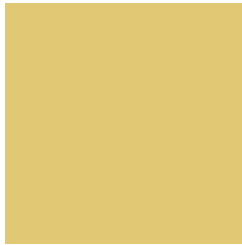


000B30



# Previews

## White Background



This preview shows how the Hex color E0C874 looks on a white background.

## Color Contrast Check

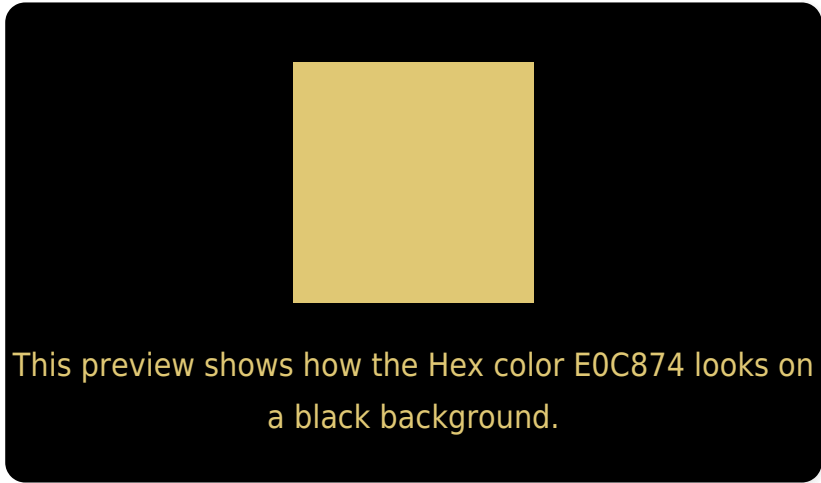
Large Text (above 18pt) WCAG AA × Fail

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 E0C874 Background



This preview shows how black text looks on a background with the Hex color E0C874.

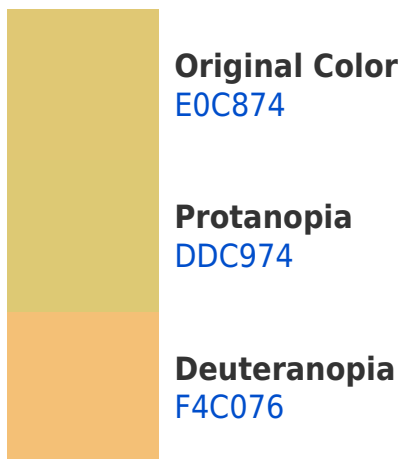


This preview shows how white text looks on a background with the Hex color E0C874.

# 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](#).

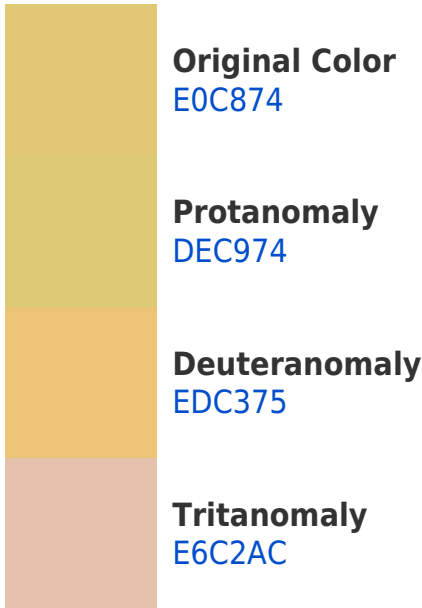
## Dichromacy



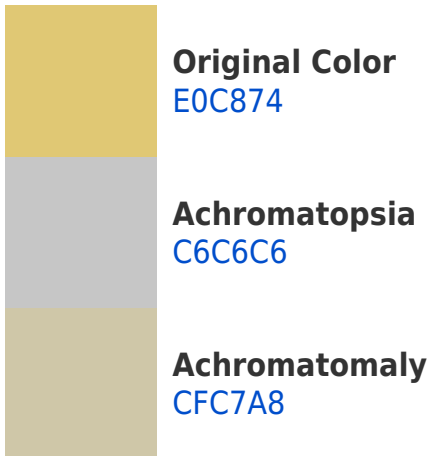


**Tritanopia**  
E9BECC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0C874 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 #E0C874 looks like.

```
.text, #text, p{  
    color:#E0C874  
}
```

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 #E0C874 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0C874
}
```

## Border

The CSS property to change the border of an element to Hex E0C874 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
#E0C874 }
```

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

```
.border{ border-color:#E0C874 }
```

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

Here you see how a box with a 4 pixel #E0C874 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0C874; -webkit-box-shadow:4px 4px  
4px 4px #E0C874; box-shadow:4px 4px 4px  
4px #E0C874 }
```

# Background

The CSS property to change the background color of an element to Hex E0C874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0C874 }
```

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

```
.background{ background-color:#E0C874 }
```

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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