

# Converting Colors

Hex(E0C786)

Have a look what the booklet for  
Hex(E0C786) contains.

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# **Color**

**Hex(E0C786)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0C786
RGB	224, 199, 134
RGB Percent	88%, 78%, 53%
CMY	0.1216, 0.2196, 0.4745
CMYK	0.00, 0.11, 0.40, 0.12
HSL	43°, 59%, 70%
HSV	43°, 40%, 88%
XYZ	55.4670, 58.4154, 30.9061
YIQ	199.0650, 35.7650, -14.9150

# Conversions

## Conversions Part 2

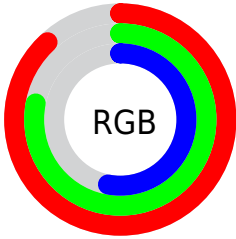
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 224, 134
Decimal	14731142
CIELab	80.97, -0.14, 35.75
CIELCh	81, 35.749, 90.222
Yxy	58.4154, 0.3831, 0.4035
Android (android.graphics.Color)	4292921222 (0xFFE0C786)
YUV	199.0650, -32.0770, 21.8680
Hunter-Lab	76.4299, -4.2109, 29.5258

# Details

The Hex color **E0C786** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **869FE0**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFBC**, and **A79153** is the 20% darker color. If you saturate the color by 10%, you get **E0C170**, and if you desaturate by 10%, it is **E0CD9C**.

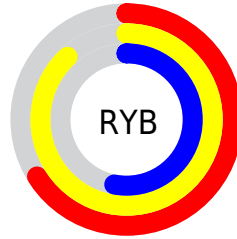
# Distribution



Red (88%)

Green (78%)

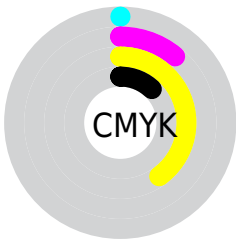
Blue (53%)



Red (66%)

Yellow (88%)

Blue (53%)

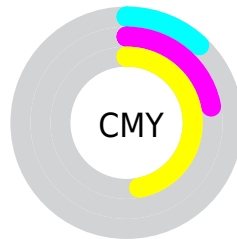


Cyan (0%)

Magenta (11%)

Yellow (40%)

Black (12%)



Cyan (12%)

Magenta (22%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0C786 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 E0C786 by changing the saturation by 10% instead.



 E0C786

 E0C786

FFFFFF

 C3AC6C


 FFFFBC

 A79153

 FFFFD8

 8C783B

 FFFFF5

 715F23

 57480B

 3F3100

 261D00

 050300

 000000

 E0C786

 E0C786

 E0C170

 E0CD9C

 E0BB59

 E0D3B3

 E0B443

 E0DAC9

 E0AE2C

 E0E0E0

 E0A816

 E0E6F6

 E0A200

 E0ECFF

 E0F3FF

 E0F9FF

 E0FFFF

# Harmonies

## Analogous

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



FCBC90



E0C786



BDD18E

# Triad

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



E0C786



59DAEA



F4B5EB

# Complementary

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



E0C786



869FE0

# 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.



CEC0FF



E0C786



6DD5FF

# Square

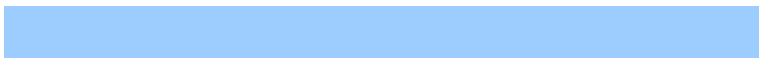
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E0C786



6FDBC8



9DCCFF



FFB0CA

# Rectangle

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



E0C786



A3D69D



9DCCFF



E9B9F4

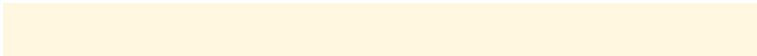


# Sweetspot

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



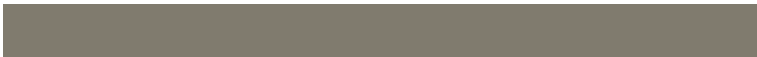
E0C786



FFF7E0



E086A0



807B6E



000000



808080



# Same Dimension

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



E0C786



FFDD85



CCE086



706D65



B07F00



302300



# Inverse Universe

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



869FE0



85A7FF



9A86E0



656870



0031B0

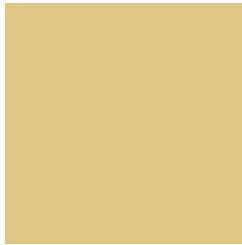


000D30



# Previews

## White Background



This preview shows how the Hex color E0C786 looks on a white background.

## Color Contrast Check

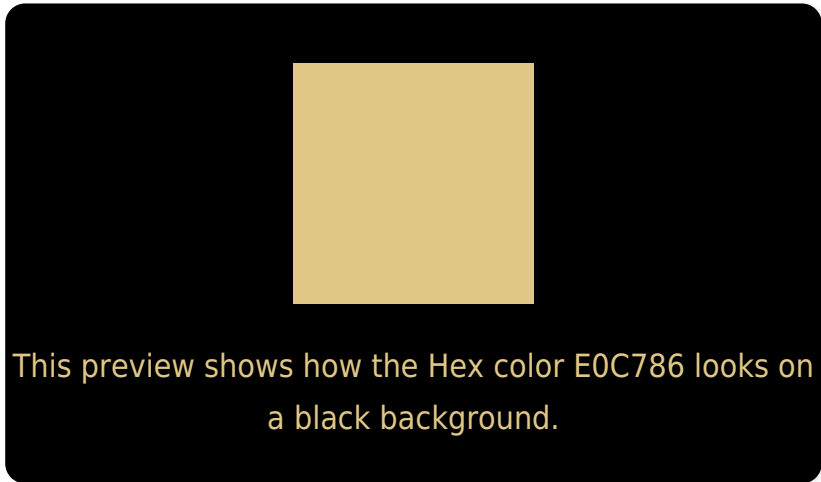
Large Text (above 18pt) WCAG AA × Fail

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

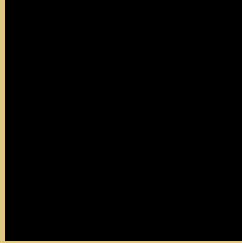
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E0C786 Background



This preview shows how black text looks on a background with the Hex color E0C786.

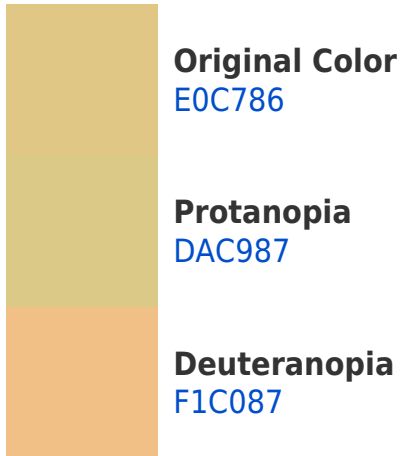


This preview shows how white text looks on a background with the Hex color E0C786.

# 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](#).

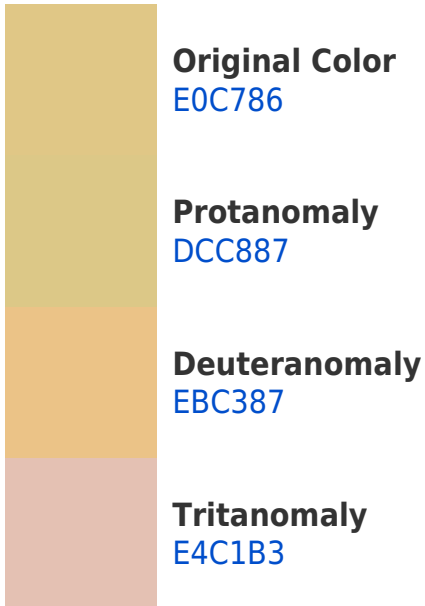
## Dichromacy





**Tritanopia**  
E7BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0C786 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 #E0C786 looks like.

```
.text, #text, p{  
    color:#E0C786  
}
```

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 #E0C786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0C786
}
```

## Border

The CSS property to change the border of an element to Hex E0C786 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
#E0C786 }
```

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

```
.border{ border-color:#E0C786 }
```

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

Here you see how a box with a 4 pixel #E0C786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0C786; -webkit-box-shadow:4px 4px  
4px 4px #E0C786; box-shadow:4px 4px 4px  
4px #E0C786 }
```

# Background

The CSS property to change the background color of an element to Hex E0C786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0C786 }
```

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

```
.background{ background-color:#E0C786 }
```

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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