

# Converting Colors

Hex(E0AC6C)

Have a look what the booklet for  
Hex(E0AC6C) contains.

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# **Color**

**Hex(E0AC6C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E0AC6C
RGB	224, 172, 108
RGB Percent	88%, 67%, 42%
CMY	0.1216, 0.3255, 0.5765
CMYK	0.00, 0.23, 0.52, 0.12
HSL	33°, 65%, 65%
HSV	33°, 52%, 88%
XYZ	48.1998, 46.4351, 20.6098
YIQ	180.2520, 51.5360, -8.8800

# Conversions

## Conversions Part 2

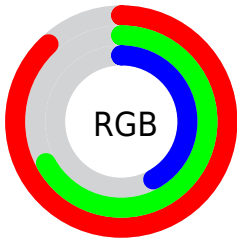
Format	Color
R <sub>Y</sub> B	202, 224, 108
Decimal	14724204
CIE Lab	73.83, 11.54, 40.04
CIE LCh	74, 41.670, 73.924
Yxy	46.4351, 0.4182, 0.4029
Android (android.graphics.Color)	4292914284 (0xFFE0AC6C)
YUV	180.2520, -35.6202, 38.3670
Hunter-Lab	68.1433, 7.0077, 29.7681

# Details

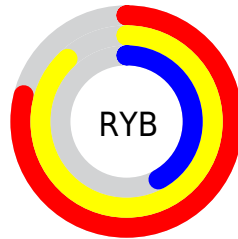
The Hex color **E0AC6C** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6CA0E0**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE3A1**, and **A6783B** is the 20% darker color. If you saturate the color by 10%, you get **E0A256**, and if you desaturate by 10%, it is **E0B682**.

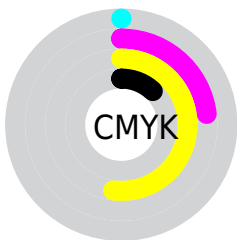
# Distribution



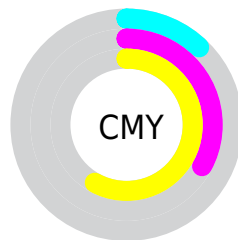
- Red (88%)
- Green (67%)
- Blue (42%)



- Red (79%)
- Yellow (88%)
- Blue (42%)



- Cyan (0%)
- Magenta (23%)
- Yellow (52%)
- Black (12%)



- Cyan (12%)
- Magenta (33%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0AC6C 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 E0AC6C by changing the saturation by 10% instead.



 E0AC6C

 E0AC6C

FFFFFF

 C39153

 FFE3A1

 A6783B

 FFFFBC

 8A5F23

 FFFFD8

 6E4709

 FFFFF5

 543100

 3A1C00

 220400

 000000

 E0AC6C

 E0AC6C

 E0A256

 E0B682

 E0983F

 E0C099

 E08E29

 E0CAAF

 E08412

 E0D4C6

 E07C00

 E0DEDC

 E0E8F2

 E0F2FF

 E0FCFF

 E0FFFF

# Harmonies

## Analogous

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



F89F82



E0AC6C



BDB96A

# Triad

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



E0AC6C



18CAC7



D0A5ED

# Complementary

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



E0AC6C



6CA0E0

# 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.



9AB3FF



E0AC6C



00C7E9

# Square

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



E0AC6C



60C89F



55BFFE



F39ACC

# Rectangle

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



E0AC6C



A1C074



55BFFE



C0AAF5

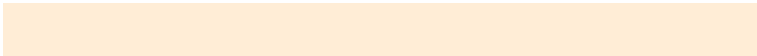


# Sweetspot

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



E0AC6C



FFEDD6



E06CA0



807567



000000



808080



# Same Dimension

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



E0AC6C



FFB861



DAE06C



706B65



B06100



301B00

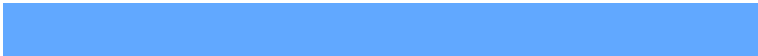


# Inverse Universe

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



6CA0E0



61A8FF



726CE0



656A70



004FB0



001630



# Previews

## White Background



This preview shows how the Hex color E0AC6C looks on a white background.

## Color Contrast Check

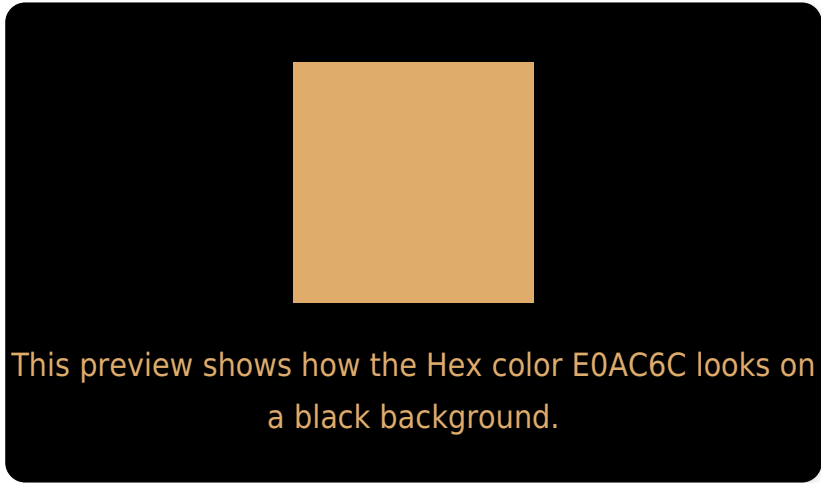
Large Text (above 18pt) WCAG AA × Fail

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

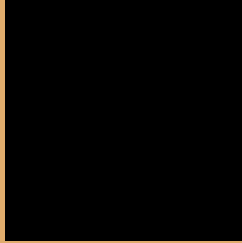
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E0AC6C Background



This preview shows how black text looks on a background with the Hex color E0AC6C.



This preview shows how white text looks on a background with the Hex color E0AC6C.

# 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**  
E0AC6C

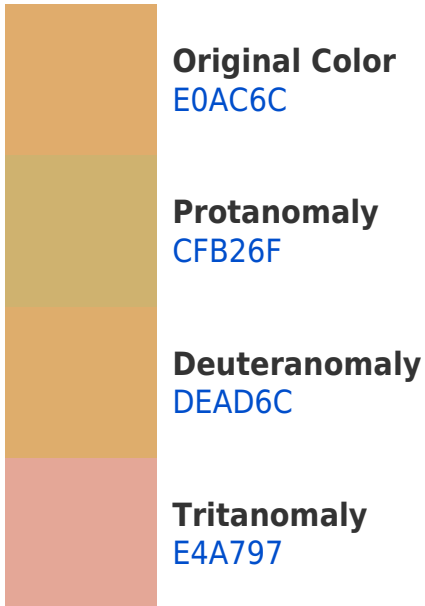
**Protanopia**  
C6B670

**Deuteranopia**  
DDAD6C



**Tritanopia**  
E6A4B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0AC6C 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 #E0AC6C looks like.

```
.text, #text, p{  
    color:#E0AC6C  
}
```

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 #E0AC6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0AC6C }  
}
```

## Border

The CSS property to change the border of an element to Hex E0AC6C 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 #E0AC6C }  
}
```

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

```
.border{ border-color:#E0AC6C }
```

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

Here you see how a box with a 4 pixel #E0AC6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0AC6C; -webkit-box-shadow:4px 4px  
4px 4px #E0AC6C; box-shadow:4px 4px 4px  
4px #E0AC6C }
```

# Background

The CSS property to change the background color of an element to Hex E0AC6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0AC6C }
```

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

```
.background{ background-color:#E0AC6C }
```

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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