

Converting Colors

Hex(E0A66E)

Have a look what the booklet for
Hex(E0A66E) contains.

Hex(E0A66E)	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(E0A66E)

Conversions

Conversions Part 1

Format	Color
Hex	E0A66E
RGB	224, 166, 110
RGB Percent	88%, 65%, 43%
CMY	0.1216, 0.3490, 0.5686
CMYK	0.00, 0.26, 0.51, 0.12
HSL	29°, 65%, 65%
HSV	29°, 51%, 88%
XYZ	47.1912, 44.2455, 20.8048
YIQ	176.9580, 52.5440, -5.1200

Conversions

Conversions Part 2

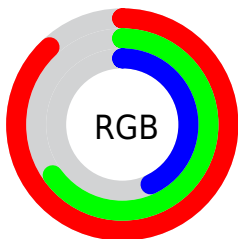
Format	Color
RYB	224, 220, 110
Decimal	14722670
CIELab	72.39, 14.92, 37.21
CIELCh	72, 40.087, 68.146
Yxy	44.2455, 0.4204, 0.3942
Android (android.graphics.Color)	4292912750 (0xFFE0A66E)
YUV	176.9580, -33.0103, 41.2558
Hunter-Lab	66.5173, 10.2328, 28.0178

Details

The Hex color **E0A66E** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6EA8E0**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFDDA2**, and **A6723D** is the 20% darker color. If you saturate the color by 10%, you get **E09B58**, and if you desaturate by 10%, it is **E0B184**.

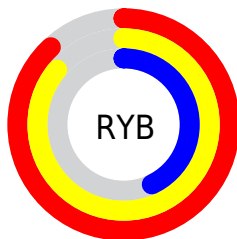
Distribution



Red (88%)

Green (65%)

Blue (43%)



Red (88%)

Yellow (86%)

Blue (43%)

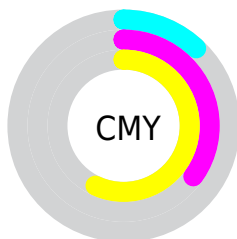


Cyan (0%)

Magenta (26%)

Yellow (51%)

Black (12%)



Cyan (12%)

Magenta (35%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0A66E 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 E0A66E by changing the saturation by 10% instead.

 E0A66E

 E0A66E

FFFFFF

 C38C55

 FFDDA2

 A6723D

 FFFABE

 8A5A25

 FFFFDA

 6E420D

 FFFFF6

 542C00

 391700

 220000

 000000

 E0A66E

 E0A66E

 E09B58

 E0B184

 E08F41

 E0BD9B

 E0842B

 E0C8B1

 E07814

 E0D4C8

 E06E00

 E0DFDE

 E0EAF4

 E0F6FF

 E0FFFF

Harmonies

Analogous

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



F49A86



E0A66E



C0B368

Triad

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



E0A66E



32C5BB



C3A4EB

Complementary

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



E0A66E



6EA8E0

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.



8CB2FA



E0A66E



00C3DE

Square

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



E0A66E



6AC395



49BDF5



E899CE

Rectangle

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



E0A66E



A6BA70



49BDF5



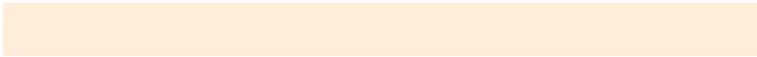
B2A9F2

Sweetspot

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



E0A66E



FFECD9



E06EA9



807469



000000



808080

Same Dimension

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



E0A66E



FFB063



E0DE6E



706A65



B05600



301800

Inverse Universe

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



6EA8E0



63B3FF



6E70E0



656B70



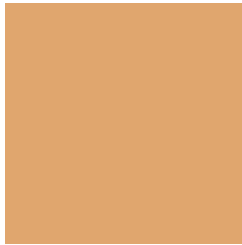
005AB0



001930

Previews

White Background



This preview shows how the Hex color E0A66E looks on a white background.

Color Contrast Check

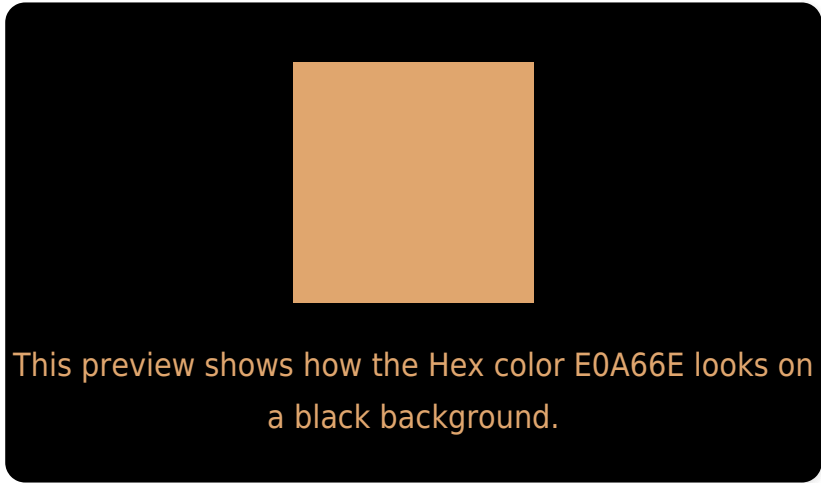
Large Text (above 18pt) WCAG AA × Fail

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

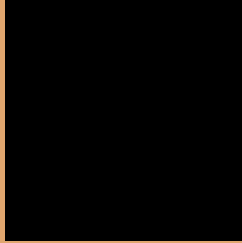
Any Text WCAG AA ✓ Pass

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 E0A66E Background



This preview shows how black text looks on a background with the Hex color E0A66E.

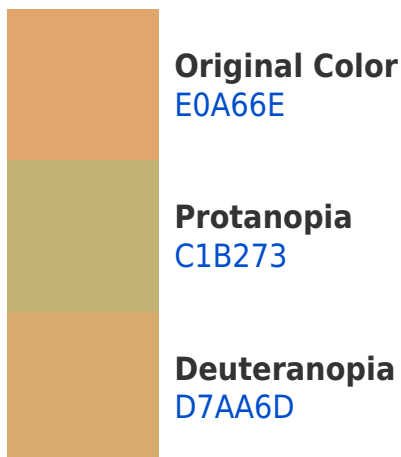



This preview shows how white text looks on a background with the Hex color E0A66E.

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](#).

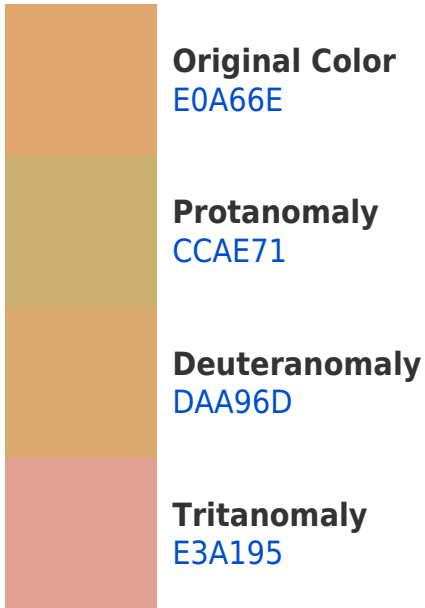
Dichromacy



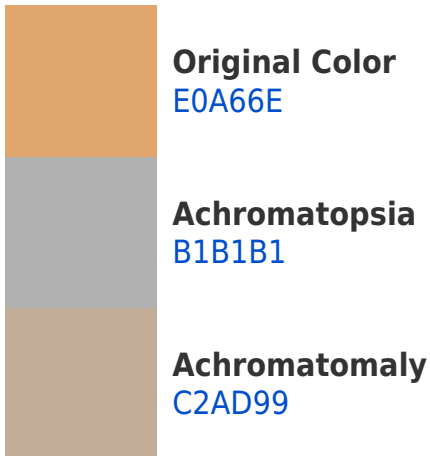


Tritanopia
E59EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E0A66E 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 #E0A66E looks like.

```
.text, #text, p{  
    color:#E0A66E  
}
```

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 #E0A66E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0A66E
}
```

Border

The CSS property to change the border of an element to Hex E0A66E 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
#E0A66E }
```

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

```
.border{ border-color:#E0A66E }
```

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

Here you see how a box with a 4 pixel #E0A66E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0A66E; -webkit-box-shadow:4px 4px  
4px 4px #E0A66E; box-shadow:4px 4px 4px  
4px #E0A66E }
```

Background

The CSS property to change the background color of an element to Hex E0A66E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0A66E }
```

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

```
.background{ background-color:#E0A66E }
```

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