

# Converting Colors

Hex(E0A86A)

Have a look what the booklet for  
Hex(E0A86A) contains.

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**Color**

**Hex(E0A86A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0A86A
RGB	224, 168, 106
RGB Percent	88%, 66%, 42%
CMY	0.1216, 0.3412, 0.5843
CMYK	0.00, 0.25, 0.53, 0.12
HSL	32°, 66%, 65%
HSV	32°, 53%, 88%
XYZ	47.3446, 44.8932, 19.8056
YIQ	177.6760, 53.2780, -7.4100

# Conversions

## Conversions Part 2

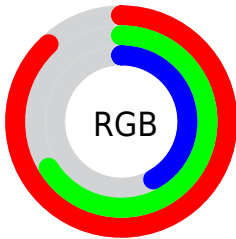
Format	Color
R <sub>Y</sub> B	213, 224, 106
Decimal	14723178
CIE Lab	72.82, 13.50, 39.82
CIE LCh	73, 42.047, 71.272
Yxy	44.8932, 0.4226, 0.4007
Android (android.graphics.Color)	4292913258 (0xFFE0A86A)
YUV	177.6760, -35.3363, 40.6261
Hunter-Lab	67.0024, 8.8760, 29.3758

# Details

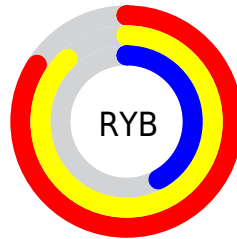
The Hex color **E0A86A** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6AA2E0**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFDF9E**, and **A67439** is the 20% darker color. If you saturate the color by 10%, you get **E09D54**, and if you desaturate by 10%, it is **E0B380**.

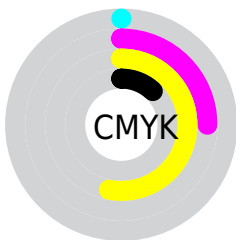
# Distribution



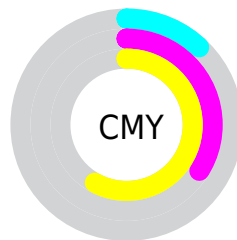
- Red (88%)
- Green (66%)
- Blue (42%)



- Red (84%)
- Yellow (88%)
- Blue (42%)



- Cyan (0%)
- Magenta (25%)
- Yellow (53%)
- Black (12%)



- Cyan (12%)
- Magenta (34%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0A86A 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 E0A86A by changing the saturation by 10% instead.



 E0A86A

 E0A86A

FFFFFF

 C38E51

 FFDF9E

 A67439

 FFFCBA

 8A5B21

 FFFFD6

 6E4407

 FFFFF2

 542D00

 391900

 210000

 000000

 E0A86A

 E0A86A

 E09D54

 E0B380

 E0933D

 E0BD97

 E08827

 E0C8AD

 E07D10

 E0D3C4

 E07600

 E0DDDA

 E0E8F0

 E0F2FF

 E0FDFD

 E0FFFF

# Harmonies

## Analogous

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



F79B82



E0A86A



BDB566

# Triad

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



E0A86A



14C7C0



CAA3ED

# Complementary

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



E0A86A



6AA2E0

# 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.



91B2FE



E0A86A



00C5E4

# Square

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



E0A86A



61C599



48BDFB



EE98CC

# Rectangle

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



E0A86A



A2BC6F



48BDFB



B9A8F5



# Sweetspot

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



E0A86A



FFECD6



E06AA3



807467



000000



808080



# Same Dimension

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



E0A86A



FFB35E



DEE06A



706B65



B05C00



301900



# Inverse Universe

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



6AA2E0



5EABFF



6C6AE0



656A70



0054B0



001730



# Previews

## White Background



This preview shows how the Hex color E0A86A looks on a white background.

## Color Contrast Check

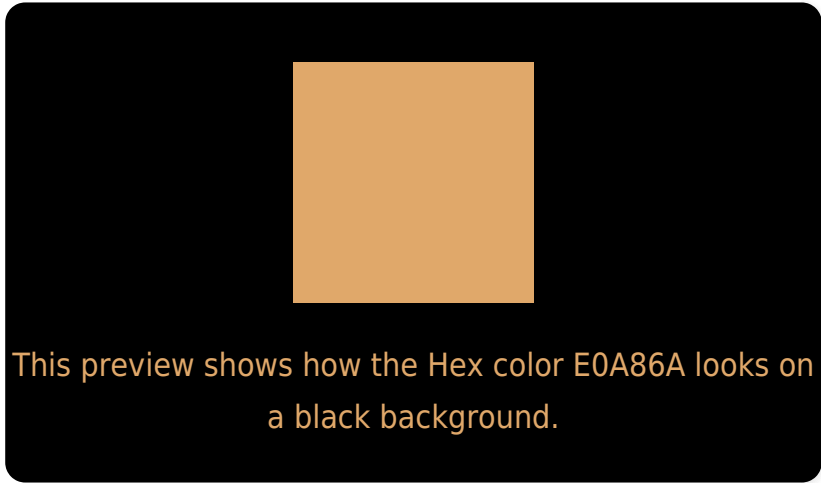
Large Text (above 18pt) WCAG AA × Fail

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

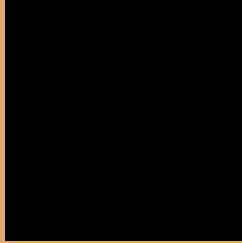
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E0A86A Background



This preview shows how black text looks on a background with the Hex color E0A86A.

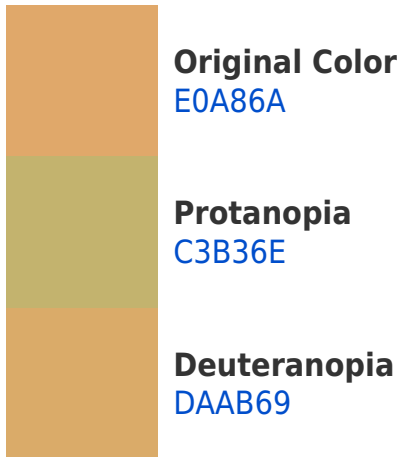


This preview shows how white text looks on a background with the Hex color E0A86A.

# 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**  
E6A0AC

# Trichromacy



**Original Color**  
E0A86A

**Protanomaly**  
CEAF6D

**Deuteranomaly**  
DCAA69

**Tritanomaly**  
E4A394

# Monochromacy



**Original Color**  
E0A86A

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
C3AE98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0A86A 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 #E0A86A looks like.

```
.text, #text, p{  
    color:#E0A86A  
}
```

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 #E0A86A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0A86A
}
```

## Border

The CSS property to change the border of an element to Hex E0A86A 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
#E0A86A }
```

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

```
.border{ border-color:#E0A86A }
```

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

Here you see how a box with a 4 pixel #E0A86A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0A86A; -webkit-box-shadow:4px 4px  
4px 4px #E0A86A; box-shadow:4px 4px 4px  
4px #E0A86A }
```

# Background

The CSS property to change the background color of an element to Hex E0A86A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0A86A }
```

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

```
.background{ background-color:#E0A86A }
```

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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