

# Converting Colors

Hex(E3AA6E)

Have a look what the booklet for  
Hex(E3AA6E) contains.

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# **Color**

**Hex(E3AA6E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3AA6E
RGB	227, 170, 110
RGB Percent	89%, 67%, 43%
CMY	0.1098, 0.3333, 0.5686
CMYK	0.00, 0.25, 0.52, 0.11
HSL	31°, 68%, 66%
HSV	31°, 52%, 89%
XYZ	48.8678, 46.2061, 21.0949
YIQ	180.2030, 53.2320, -6.5760

# Conversions

## Conversions Part 2

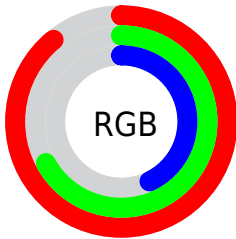
Format	Color
R <sub>Y</sub> B	221, 227, 110
Decimal	14920302
CIE Lab	73.68, 14.01, 38.89
CIE LCh	74, 41.338, 70.190
Yxy	46.2061, 0.4207, 0.3977
Android (android.graphics.Color)	4293110382 (0xFFE3AA6E)
YUV	180.2030, -34.6101, 41.0410
Hunter-Lab	67.9751, 9.3684, 29.1829

# Details

The Hex color **E3AA6E** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6EA7E3**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFE1A3**, and **A9763D** is the 20% darker color. If you saturate the color by 10%, you get **E39F57**, and if you desaturate by 10%, it is **E3B585**.

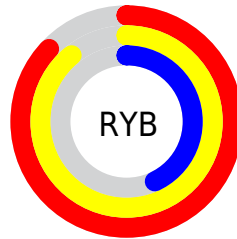
# Distribution



Red (89%)

Green (67%)

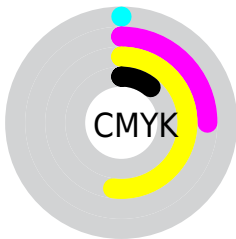
Blue (43%)



Red (87%)

Yellow (89%)

Blue (43%)

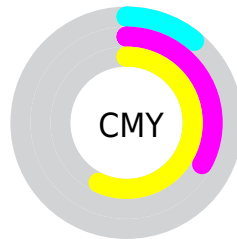


Cyan (0%)

Magenta (25%)

Yellow (52%)

Black (11%)



Cyan (11%)

Magenta (33%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3AA6E 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 E3AA6E by changing the saturation by 10% instead.



 E3AA6E

 E3AA6E

FFFFFF

 C69055

 FFE1A3

 A9763D

 FFFEBE

 8D5D25

 FFFFDA

 71460C

 FFFFF7

 562F00

 3C1A00

 240200

 000000

 E3AA6E

 E3AA6E

 E39F57

 E3B585

 E39441

 E3C09B

 E3892A

 E3CBB2

 E37E13

 E3D6C9

 E37400

 E3E1E0

 E3ECF6

 E3F7FF

 E3FFFF

# Harmonies

## Analogous

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



F99E86



E3AA6E



C1B769

# Triad

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



E3AA6E



28C9C1



CAA6EF

# Complementary

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



E3AA6E



6EA7E3

# 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.



93B4FF



E3AA6E



00C7E5

# Square

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



E3AA6E



67C79A



4CC0FC



EF9BD0

# Rectangle

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



E3AA6E



A6BE72



4CC0FC



B9ABF7

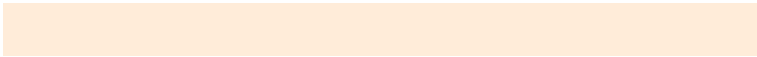


# Sweetspot

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



E3AA6E



FFECD9



E36EA9



807469



000000



808080



# Same Dimension

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



E3AA6E



FFB261



E3E36E



736D67



B35C00



331A00



# Inverse Universe

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



6EA7E3



61AEFF



6E6EE3



676D73



0057B3



001933



# Previews

## White Background



This preview shows how the Hex color E3AA6E looks on a white background.

## Color Contrast Check

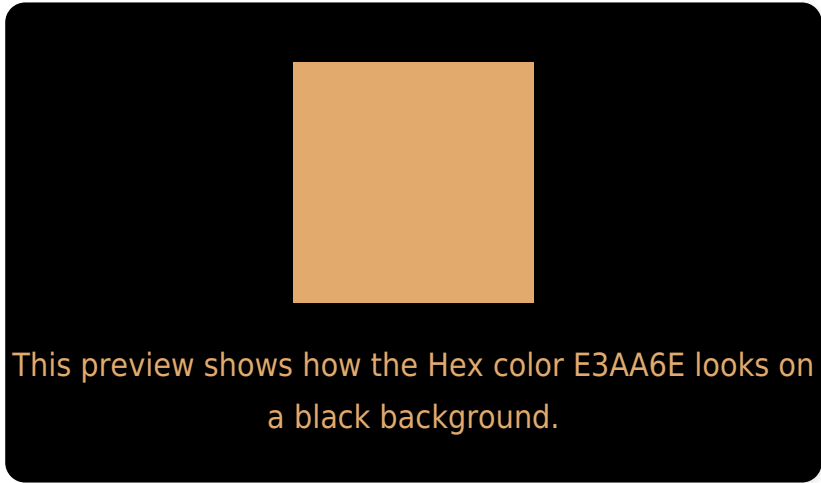
Large Text (above 18pt) WCAG AA × Fail

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

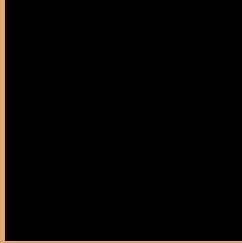
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E3AA6E Background



This preview shows how black text looks on a background with the Hex color E3AA6E.



This preview shows how white text looks on a background with the Hex color E3AA6E.

# 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**  
E3AA6E

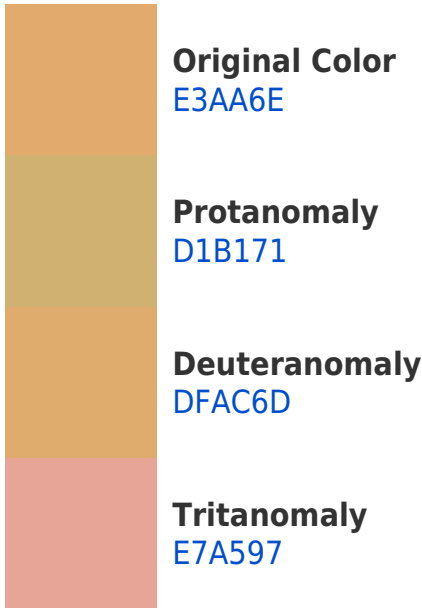
**Protanopia**  
C6B572

**Deuteranopia**  
DCAD6D



**Tritanopia**  
E9A2AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3AA6E 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 #E3AA6E looks like.

```
.text, #text, p{  
    color:#E3AA6E  
}
```

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 #E3AA6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3AA6E
}
```

## Border

The CSS property to change the border of an element to Hex E3AA6E 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
#E3AA6E }
```

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

```
.border{ border-color:#E3AA6E }
```

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

Here you see how a box with a 4 pixel #E3AA6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3AA6E; -webkit-box-shadow:4px 4px  
4px 4px #E3AA6E; box-shadow:4px 4px 4px  
4px #E3AA6E }
```

# Background

The CSS property to change the background color of an element to Hex E3AA6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3AA6E }
```

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

```
.background{ background-color:#E3AA6E }
```

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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