

# Converting Colors

Hex(E6AE6E)

Have a look what the booklet for  
Hex(E6AE6E) contains.

<b>Hex(E6AE6E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E6AE6E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6AE6E
RGB	230, 174, 110
RGB Percent	90%, 68%, 43%
CMY	0.0980, 0.3176, 0.5686
CMYK	0.00, 0.24, 0.52, 0.10
HSL	32°, 71%, 67%
HSV	32°, 52%, 90%
XYZ	50.5837, 48.2209, 21.3934
YIQ	183.4480, 53.9200, -8.0320

# Conversions

## Conversions Part 2

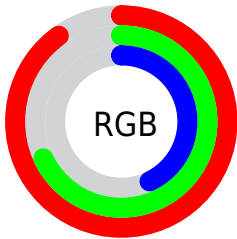
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 230, 110
Decimal	15117934
CIE Lab	74.96, 13.11, 40.56
CIE LCh	75, 42.629, 72.095
Yxy	48.2209, 0.4208, 0.4012
Android (android.graphics.Color)	4293308014 (0xFFE6AE6E)
YUV	183.4480, -36.2099, 40.8261
Hunter-Lab	69.4413, 8.5040, 30.3429

# Details

The Hex color **E6AE6E** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6EA6E6**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFE5A3**, and **AC7A3C** is the 20% darker color. If you saturate the color by 10%, you get **E6A357**, and if you desaturate by 10%, it is **E6B985**.

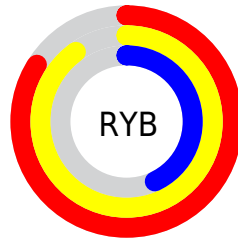
# Distribution



Red (90%)

Green (68%)

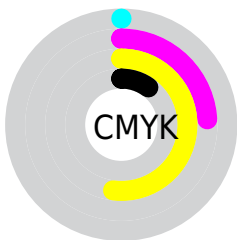
Blue (43%)



Red (84%)

Yellow (90%)

Blue (43%)

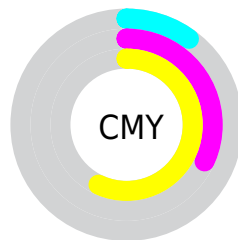


Cyan (0%)

Magenta (24%)

Yellow (52%)

Black (10%)



Cyan (10%)

Magenta (32%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6AE6E 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 E6AE6E by changing the saturation by 10% instead.



 E6AE6E

 E6AE6E

FFFFFF

 C99355

 FFE5A3

 AC7A3C

 FFFFBE

 8F6124

 FFFFDA

 74490B

 FFFFF7

 593200

 3E1D00

 250700

 000000

 E6AE6E

 E6AE6E

 E6A357

 E6B985

 E69940

 E6C39C

 E68E29

 E6CEB3

 E68312

 E6D9CA

 E67B00

 E6E4E1

 E6EEF8

 E6F9FF

 E6FFFF

# Harmonies

## Analogous

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



FEA186



E6AE6E



C2BB6A

# Triad

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



E6AE6E



19CDC8



D1A8F3

# Complementary

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



E6AE6E



6EA6E6

# 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.



99B7FF



E6AE6E



00CBEC

# Square

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



E6AE6E



64CC9F



4FC3FF



F69DD2

# Rectangle

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



E6AE6E



A6C374



4FC3FF



C0ADFB

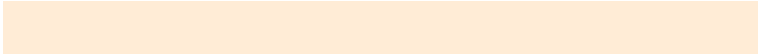


# Sweetspot

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



E6AE6E



FFECD6



E66EA6



807467



000000



808080



# Same Dimension

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



E6AE6E



FFB45E



E2E66E



736D67



B35F00



331B00

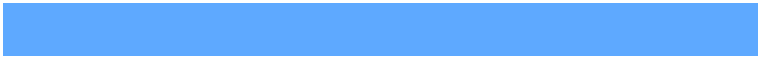


# Inverse Universe

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



6EA6E6



5EA9FF



726EE6



676D73



0053B3



001833



# Previews

## White Background



This preview shows how the Hex color E6AE6E looks on a white background.

## Color Contrast Check

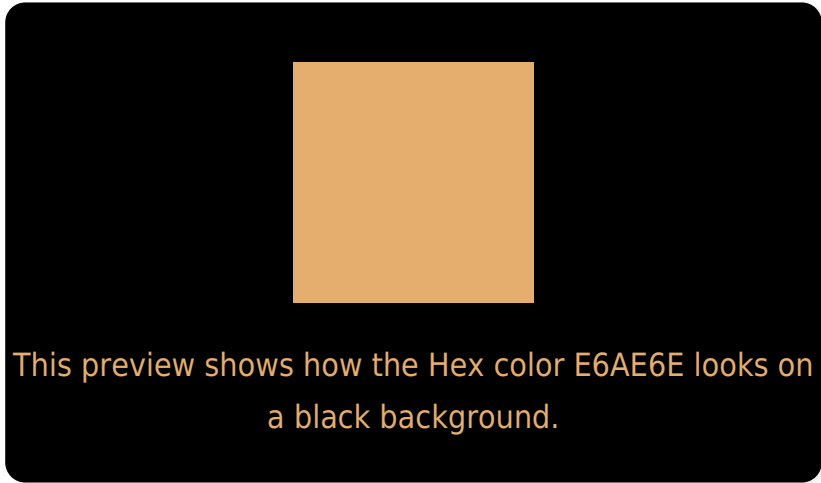
Large Text (above 18pt) WCAG AA × Fail

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

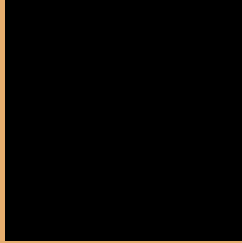
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E6AE6E Background



This preview shows how black text looks on a background with the Hex color E6AE6E.



This preview shows how white text looks on a background with the Hex color E6AE6E.

# 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**  
E6AE6E

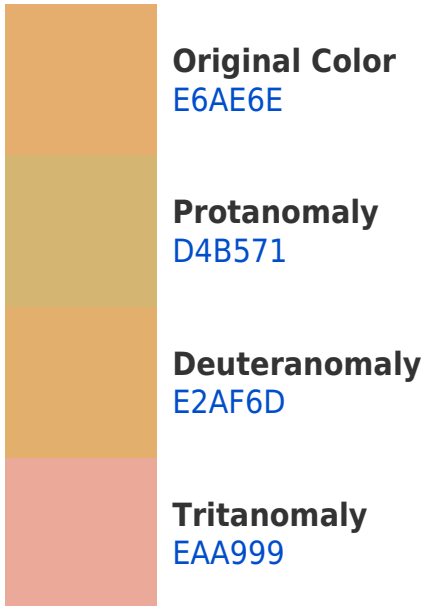
**Protanopia**  
CAB972

**Deuteranopia**  
E0B06D



**Tritanopia**  
ECA6B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6AE6E 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 #E6AE6E looks like.

```
.text, #text, p{  
    color:#E6AE6E  
}
```

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 #E6AE6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6AE6E
}
```

## Border

The CSS property to change the border of an element to Hex E6AE6E 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
#E6AE6E }
```

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

```
.border{ border-color:#E6AE6E }
```

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

Here you see how a box with a 4 pixel #E6AE6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6AE6E; -webkit-box-shadow:4px 4px  
4px 4px #E6AE6E; box-shadow:4px 4px 4px  
4px #E6AE6E }
```

# Background

The CSS property to change the background color of an element to Hex E6AE6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6AE6E }
```

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

```
.background{ background-color:#E6AE6E }
```

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