

Converting Colors

Hex(E6AE3D)

Have a look what the booklet for
Hex(E6AE3D) contains.

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Color

Hex(E6AE3D)

Conversions

Conversions Part 1

Format	Color
Hex	E6AE3D
RGB	230, 174, 61
RGB Percent	90%, 68%, 24%
CMY	0.0980, 0.3176, 0.7608
CMYK	0.00, 0.24, 0.73, 0.10
HSL	40°, 77%, 57%
HSV	40°, 73%, 90%
XYZ	48.6115, 47.4320, 11.0081
YIQ	177.8620, 69.6490, -23.2710

Conversions

Conversions Part 2

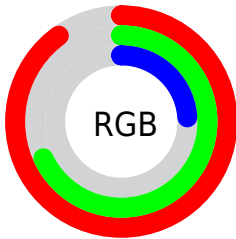
Format	Color
RYB	145, 230, 61
Decimal	15117885
CIELab	74.47, 9.92, 62.80
CIElCh	74, 63.582, 81.025
Yxy	47.4320, 0.4541, 0.4431
Android (android.graphics.Color)	4293307965 (0xFFE6AE3D)
YUV	177.8620, -57.6130, 45.7250
Hunter-Lab	68.8709, 5.4674, 38.7329

Details

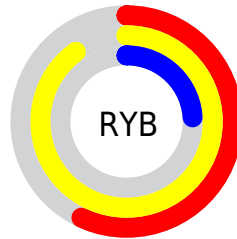
The Hex color **E6AE3D** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **3D75E6**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFE573**, and **AA7A00** is the 20% darker color. If you saturate the color by 10%, you get **E6A626**, and if you desaturate by 10%, it is **E6B654**.

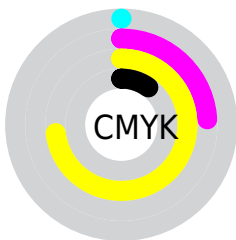
Distribution



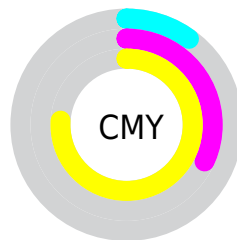
- Red (90%)
- Green (68%)
- Blue (24%)



- Red (57%)
- Yellow (90%)
- Blue (24%)



- Cyan (0%)
- Magenta (24%)
- Yellow (73%)
- Black (10%)



- Cyan (10%)
- Magenta (32%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6AE3D 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 E6AE3D by changing the saturation by 10% instead.

 E6AE3D

 E6AE3D

FFFFFF

 C89420

 FFE573

 AA7A00

 FFFF8E

 8D6100

 FFFFAA

 704A00

 FFFFC6

 543300

 FFFFEE

 391E00

 210800

 000000

 E6AE3D

 E6AE3D

 E6A626

 E6B654

 E69F0F

 E6BD6B

 E69A00

 E6C582

 E6CC99

 E6D4B0

 E6DCC7

 E6E3DE

 E6EBF5

 E6F3FF

Harmonies

Analogous

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



FF975E



E6AE3D



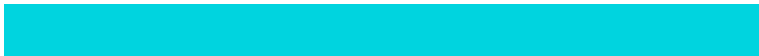
AFC142

Triad

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



E6AE3D



00D4DF



ED97FF

Complementary

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



E6AE3D



3D75E6

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.



9BAFFF



E6AE3D



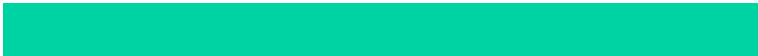
00CFFF

Square

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



E6AE3D



00D3A3



00C3FF



FF84CB

Rectangle

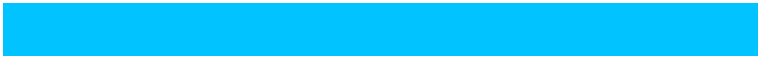
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E6AE3D



83C95A



00C3FF



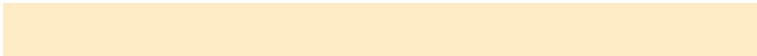
D79FFF

Sweetspot

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



E6AE3D



FFECC7



E63D75



80755E



000000



808080

Same Dimension

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



E6AE3D



FFB51F



CAE63D



736F67



B37700



332200

Inverse Universe

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



3D75E6



1F69FF



593DE6



676B73



003BB3



001133

Previews

White Background



This preview shows how the Hex color E6AE3D looks on a white background.

Color Contrast Check

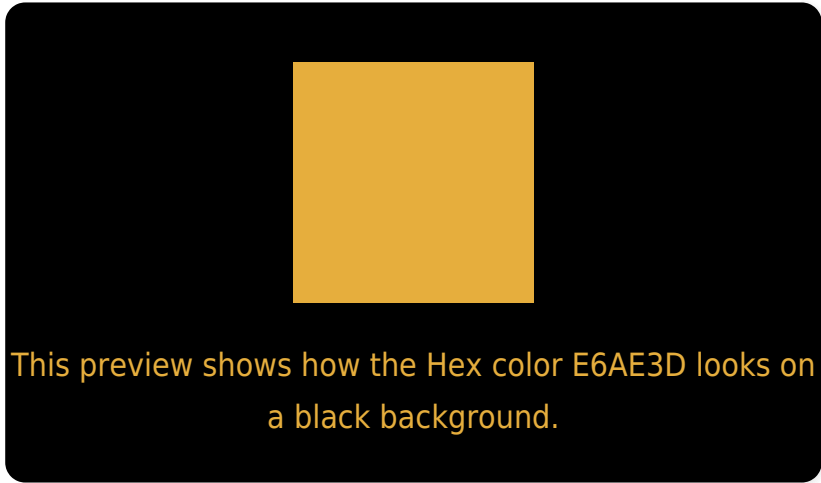
Large Text (above 18pt) WCAG AA × Fail

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 E6AE3D Background



This preview shows how black text looks on a background with the Hex color E6AE3D.

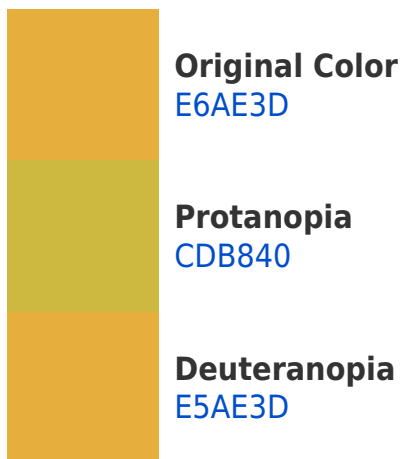


This preview shows how white text looks on a background with the Hex color E6AE3D.

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](#).

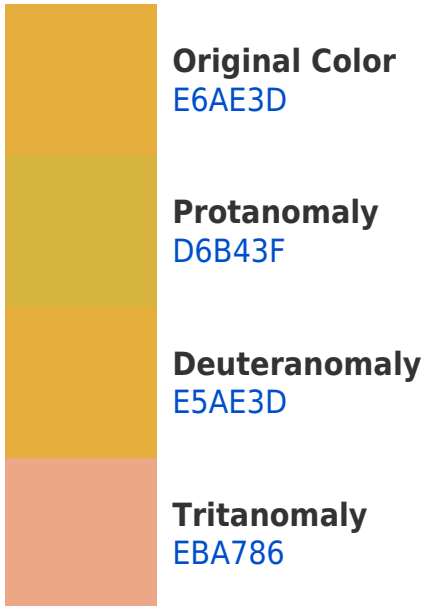
Dichromacy





Tritanopia
EEA3AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6AE3D 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 #E6AE3D looks like.

```
.text, #text, p{  
    color:#E6AE3D  
}
```

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 #E6AE3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6AE3D
}
```

Border

The CSS property to change the border of an element to Hex E6AE3D 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
#E6AE3D }
```

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

```
.border{ border-color:#E6AE3D }
```

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

Here you see how a box with a 4 pixel #E6AE3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6AE3D; -webkit-box-shadow:4px 4px  
4px 4px #E6AE3D; box-shadow:4px 4px 4px  
4px #E6AE3D }
```

Background

The CSS property to change the background color of an element to Hex E6AE3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6AE3D }
```

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

```
.background{ background-color:#E6AE3D }
```

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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