

Converting Colors

Hex(E0AF38)

Have a look what the booklet for
Hex(E0AF38) contains.

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Color

Hex(E0AF38)

Conversions

Conversions Part 1

Format	Color
Hex	E0AF38
RGB	224, 175, 56
RGB Percent	88%, 69%, 22%
CMY	0.1216, 0.3137, 0.7804
CMYK	0.00, 0.22, 0.75, 0.12
HSL	42°, 73%, 55%
HSV	42°, 75%, 88%
XYZ	46.7843, 46.7928, 10.3075
YIQ	176.0850, 67.4030, -26.6210

Conversions

Conversions Part 2

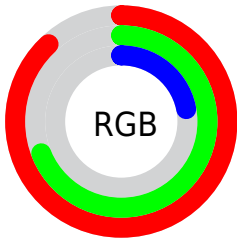
Format	Color
RYB	125, 224, 56
Decimal	14724920
CIELab	74.06, 6.60, 64.12
CIELCh	74, 64.459, 84.119
Yxy	46.7928, 0.4503, 0.4504
Android (android.graphics.Color)	4292915000 (0xFFE0AF38)
YUV	176.0850, -59.2019, 42.0215
Hunter-Lab	68.4052, 2.3720, 38.9497

Details

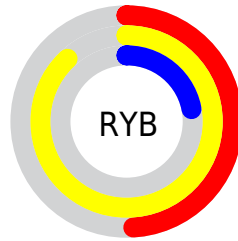
The Hex color **E0AF38** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **3869E0**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFE66F**, and **A47B00** is the 20% darker color. If you saturate the color by 10%, you get **E0A822**, and if you desaturate by 10%, it is **E0B64E**.

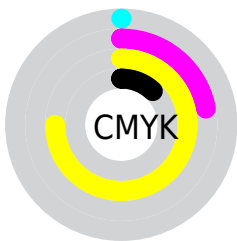
Distribution



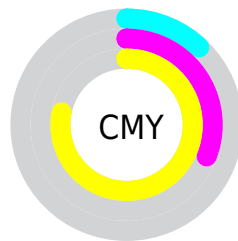
- Red (88%)
- Green (69%)
- Blue (22%)



- Red (49%)
- Yellow (88%)
- Blue (22%)



- Cyan (0%)
- Magenta (22%)
- Yellow (75%)
- Black (12%)



- Cyan (12%)
- Magenta (31%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0AF38 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 E0AF38 by changing the saturation by 10% instead.

 E0AF38

 E0AF38

FFFFFF

 C29519

 FFE66F

 A47B00

 FFFF8A

 876200

 FFFFA6

 6B4B00

 FFFF C2

 4F3400

 FFFF DF

 351F00

FFFFFF C

 1D0900

 000000

 E0AF38

 E0AF38

 E0A822

 E0B64E

 E0A20B

 E0BC65

 E09F00

 E0C37B

 E0C992

 E0D0A8

 E0D6BE

 E0DDD5

 E0E3EB

 E0EAFB

Harmonies

Analogous

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



FF9857



E0AF38



A7C141

Triad

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



E0AF38



00D3E5



F392FC

Complementary

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



E0AF38



3869E0

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.



A4ABFF



E0AF38



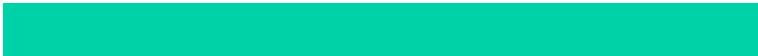
00CDFF

Square

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



E0AF38



00D2A8



00C0FF



FF81C4

Rectangle

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



E0AF38



79C95C



00C0FF



DD9BFF

Sweetspot

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



E0AF38



FFEEC4



E0386A



80755C



000000



808080

Same Dimension

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



E0AF38



FFBC19



BEE038



706D65



B07D00



302200

Inverse Universe

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



3869E0



195CFF



5A38E0



656870



0033B0



000E30

Previews

White Background



This preview shows how the Hex color E0AF38 looks on a white background.

Color Contrast Check

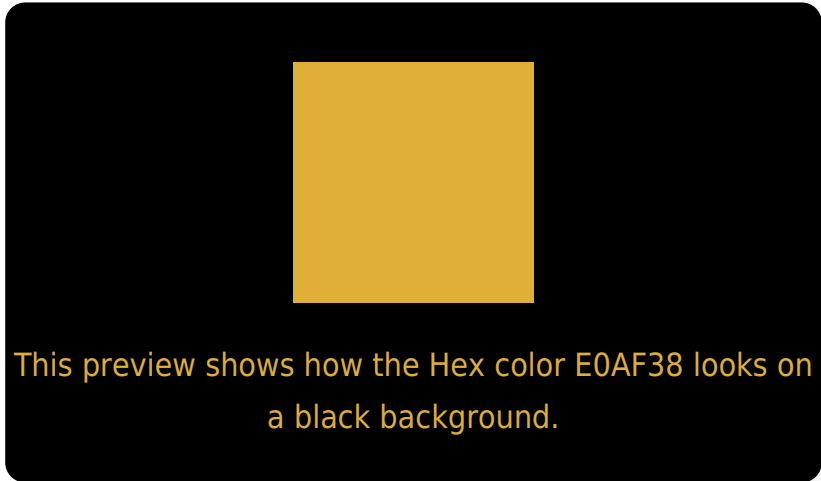
Large Text (above 18pt) WCAG AA × Fail

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 E0AF38 Background



This preview shows how black text looks on a background with the Hex color E0AF38.

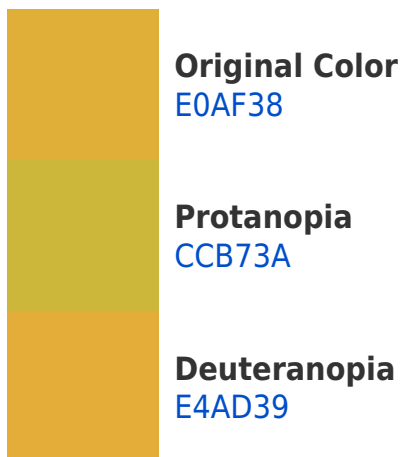



This preview shows how white text looks on a background with the Hex color E0AF38.

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](#).

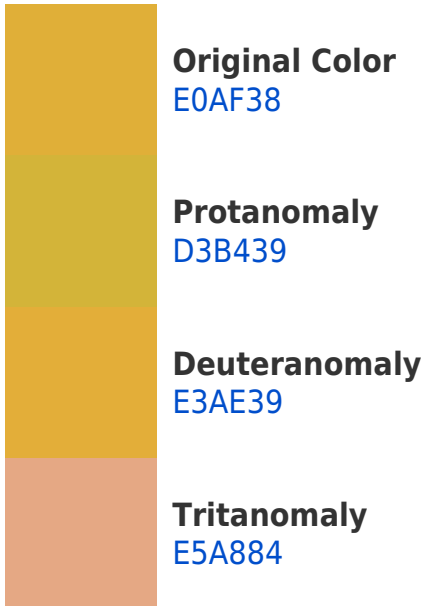
Dichromacy





Tritanopia
E8A4B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E0AF38 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 #E0AF38 looks like.

```
.text, #text, p{  
    color:#E0AF38  
}
```

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 #E0AF38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0AF38
}
```

Border

The CSS property to change the border of an element to Hex E0AF38 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
#E0AF38 }
```

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

```
.border{ border-color:#E0AF38 }
```

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

Here you see how a box with a 4 pixel #E0AF38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0AF38; -webkit-box-shadow:4px 4px  
4px 4px #E0AF38; box-shadow:4px 4px 4px  
4px #E0AF38 }
```

Background

The CSS property to change the background color of an element to Hex E0AF38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0AF38 }
```

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

```
.background{ background-color:#E0AF38 }
```

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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