

Converting Colors

Hex(E8AF49)

Have a look what the booklet for
Hex(E8AF49) contains.

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Color

Hex(E8AF49)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E8AF49 |
| RGB | 232, 175, 73 |
| RGB Percent | 91%, 69%, 29% |
| CMY | 0.0902, 0.3137, 0.7137 |
| CMYK | 0.00, 0.25, 0.69, 0.09 |
| HSL | 38°, 78%, 60% |
| HSV | 38°, 69%, 91% |
| XYZ | 49.8113, 48.2968, 13.0002 |
| YIQ | 180.4150, 66.7140, -19.6380 |

Conversions

Conversions Part 2

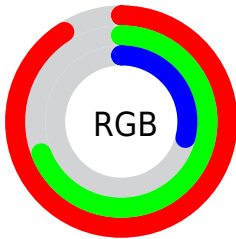
| Format | Color |
|-------------------------------------|--|
| RYB | 162, 232, 73 |
| Decimal | 15249225 |
| CIELab | 75.01, 10.83, 58.43 |
| CIELCh | 75, 59.429, 79.503 |
| Yxy | 48.2968, 0.4483, 0.4347 |
| Android (android.graphics.Color) | 4293439305 (0xFFE8AF49) |
| YUV | 180.4150, -52.9556, 45.2400 |
| Hunter-Lab | 69.4959, 6.3223, 37.5561 |

Details

The Hex color **E8AF49** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4982E8**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE67E**, and **AC7B0E** is the 20% darker color. If you saturate the color by 10%, you get **E8A732**, and if you desaturate by 10%, it is **E8B760**.

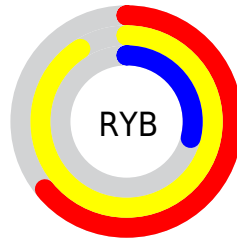
Distribution



Red (91%)

Green (69%)

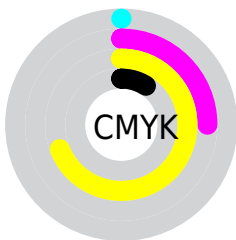
Blue (29%)



Red (64%)

Yellow (91%)

Blue (29%)

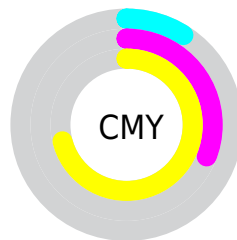


Cyan (0%)

Magenta (25%)

Yellow (69%)

Black (9%)



Cyan (9%)

Magenta (31%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color E8AF49 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 E8AF49 by changing the saturation by 10% instead.

 E8AF49

 E8AF49

FFFFFF

 CA942E

 FFE67E

 AC7B0E

 FFFF99

 8F6200

 FFFFB5

 734A00

 FFFFFD1

 573400

 FFFFEE

 3C1F00

 230900

 000000

 E8AF49

 E8AF49

 E8A732

 E8B760

 E89E1B

 E8C077

 E89603

 E8C88F

 E89500

 E8D0A6

 E8D9BD

 E8E1D4

 E8E9EB

 E8F2FF

 E8FAFF

Harmonies

Analogous

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



FF9A67



E8AF49



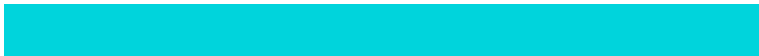
B5C14B

Triad

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



E8AF49



00D4DC



E99CFF

Complementary

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



E8AF49



4982E8

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.



9BB2FF



E8AF49



00CFFF

Square

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



E8AF49



00D3A3



00C4FF



FF8BCE

Rectangle

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



E8AF49



8CC960



00C4FF



D3A3FF

Sweetspot

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



E8AF49



FFECC9



E84983



807460



000000



808080

Same Dimension

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



E8AF49



FFB42E



D3E849



736F67



B37300



332100

Inverse Universe

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



4982E8



2E79FF



5E49E8



676B73



0040B3



001233

Previews

White Background



This preview shows how the Hex color E8AF49 looks on a white background.

Color Contrast Check

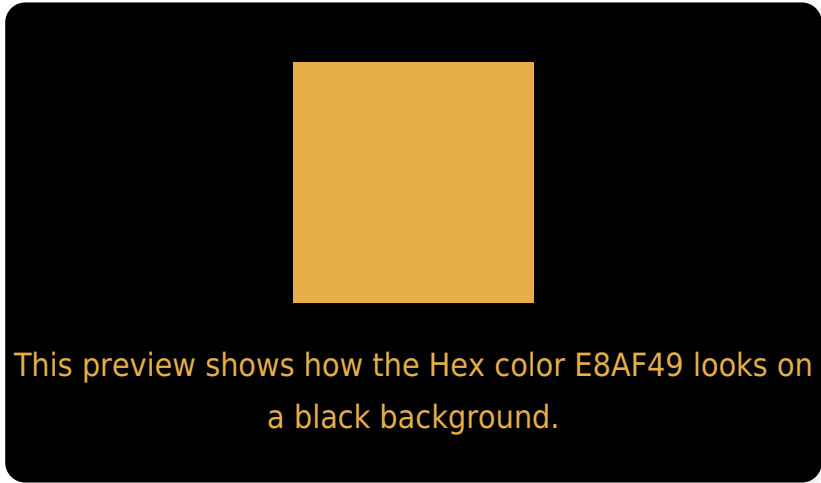
Large Text (above 18pt) WCAG AA × Fail

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 E8AF49 Background



This preview shows how black text looks on a background with the Hex color E8AF49.



This preview shows how white text looks on a background with the Hex color E8AF49.

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
E8AF49

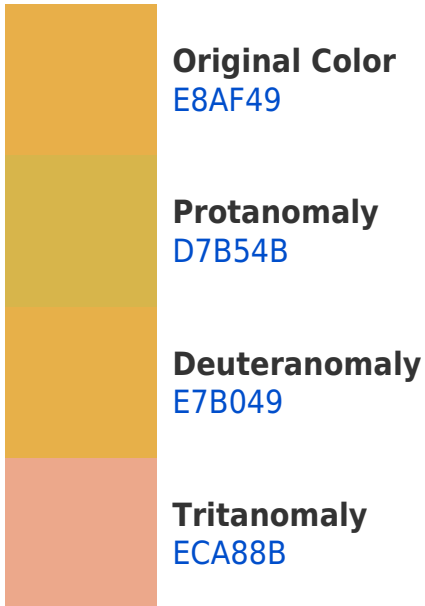
Protanopia
CEB94C

Deuteranopia
E6B049



Tritanopia
EFA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E8AF49 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 #E8AF49 looks like.

```
.text, #text, p{  
    color:#E8AF49  
}
```

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 #E8AF49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8AF49
}
```

Border

The CSS property to change the border of an element to Hex E8AF49 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
#E8AF49 }
```

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

```
.border{ border-color:#E8AF49 }
```

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

Here you see how a box with a 4 pixel #E8AF49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8AF49; -webkit-box-shadow:4px 4px  
4px 4px #E8AF49; box-shadow:4px 4px 4px  
4px #E8AF49 }
```

Background

The CSS property to change the background color of an element to Hex E8AF49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8AF49 }
```

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

```
.background{ background-color:#E8AF49 }
```

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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