

Converting Colors

Hex(E5AE44)

Have a look what the booklet for
Hex(E5AE44) contains.

Hex(E5AE44)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E5AE44)

Conversions

Conversions Part 1

Format	Color
Hex	E5AE44
RGB	229, 174, 68
RGB Percent	90%, 68%, 27%
CMY	0.1020, 0.3176, 0.7333
CMYK	0.00, 0.24, 0.70, 0.10
HSL	40°, 76%, 58%
HSV	40°, 70%, 90%
XYZ	48.4925, 47.3475, 12.0520
YIQ	178.3610, 66.8060, -21.3060

Conversions

Conversions Part 2

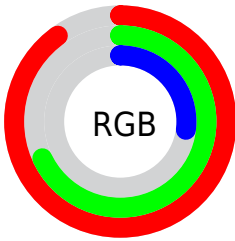
Format	Color
RYB	152, 229, 68
Decimal	15052356
CIELab	74.41, 9.82, 59.85
CIELCh	74, 60.655, 80.678
Yxy	47.3475, 0.4495, 0.4388
Android (android.graphics.Color)	4293242436 (0xFFE5AE44)
YUV	178.3610, -54.4080, 44.4104
Hunter-Lab	68.8095, 5.3788, 37.7820

Details

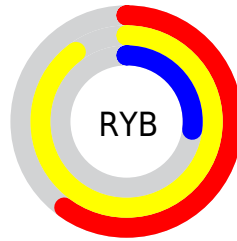
The Hex color **E5AE44** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **447BE5**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE579**, and **A97A03** is the 20% darker color. If you saturate the color by 10%, you get **E5A62D**, and if you desaturate by 10%, it is **E5B65B**.

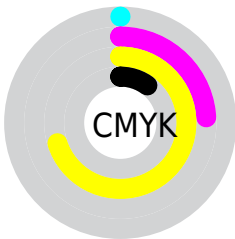
Distribution



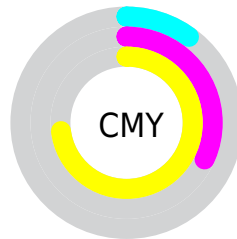
- Red (90%)
- Green (68%)
- Blue (27%)



- Red (60%)
- Yellow (90%)
- Blue (27%)



- Cyan (0%)
- Magenta (24%)
- Yellow (70%)
- Black (10%)



- Cyan (10%)
- Magenta (32%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5AE44 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 E5AE44 by changing the saturation by 10% instead.

 E5AE44

 E5AE44

FFFFFF

 C79428

 FFE579

 A97A03

 FFFF95

 8C6100

 FFFF80

 704A00

 FFFF66

 543300

 FFFF33

 391E00

 210800

 000000

 E5AE44

 E5AE44

 E5A62D

 E5B65B

 E59E16

 E5BE72

 E59700

 E5C589

 E5CDA0

 E5D5B7

 E5DDCD

 E5E5E4

 E5EDFB

 E5F4FF

Harmonies

Analogous

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



FF9962



E5AE44



B1C048

Triad

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



E5AE44



00D2DD



EA99FE

Complementary

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



E5AE44



447BE5

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.



9CAFFF



E5AE44



00CEFF

Square

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



E5AE44



00D2A3



00C2FF



FF88CB

Rectangle

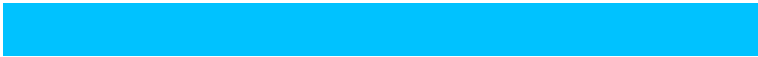
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5AE44



86C85E



00C2FF



D5A0FF

Sweetspot

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



E5AE44



FFEDC9



E5447C



807560



000000



808080

Same Dimension

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



E5AE44



FFB629



CDE544



736F67



B37600



332200

Inverse Universe

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



447BE5



2972FF



5C44E5



676B73



003DB3



001133

Previews

White Background



This preview shows how the Hex color E5AE44 looks on a white background.

Color Contrast Check

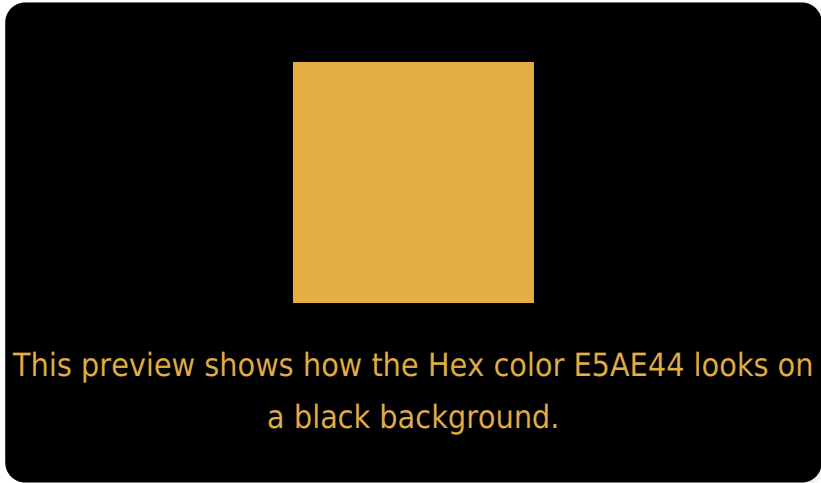
Large Text (above 18pt) WCAG AA × Fail

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 E5AE44 Background



This preview shows how black text looks on a background with the Hex color E5AE44.

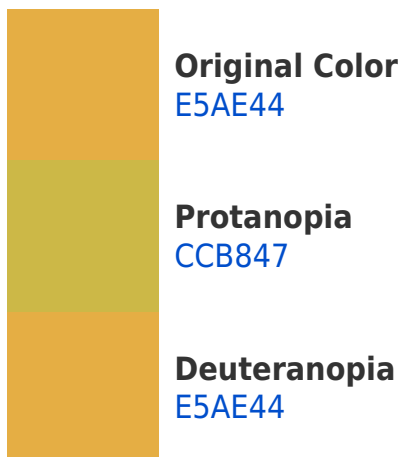


This preview shows how white text looks on a background with the Hex color E5AE44.

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](#).

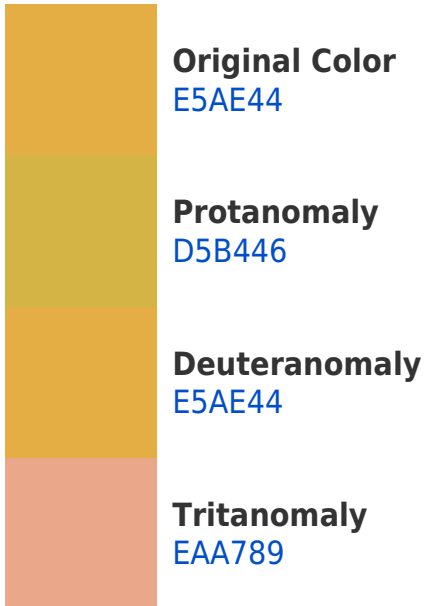
Dichromacy





Tritanopia
EDA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E5AE44 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 #E5AE44 looks like.

```
.text, #text, p{  
    color:#E5AE44  
}
```

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 #E5AE44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5AE44  
}
```

Border

The CSS property to change the border of an element to Hex E5AE44 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  
#E5AE44 }
```

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

```
.border{ border-color:#E5AE44 }
```

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

Here you see how a box with a 4 pixel #E5AE44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5AE44; -webkit-box-shadow:4px 4px  
4px 4px #E5AE44; box-shadow:4px 4px 4px  
4px #E5AE44 }
```

Background

The CSS property to change the background color of an element to Hex E5AE44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5AE44 }
```

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

```
.background{ background-color:#E5AE44 }
```

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