

Converting Colors

Hex(E5AE40)

Have a look what the booklet for
Hex(E5AE40) contains.

Hex(E5AE40)	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(E5AE40)

Conversions

Conversions Part 1

Format	Color
Hex	E5AE40
RGB	229, 174, 64
RGB Percent	90%, 68%, 25%
CMY	0.1020, 0.3176, 0.7490
CMYK	0.00, 0.24, 0.72, 0.10
HSL	40°, 76%, 57%
HSV	40°, 72%, 90%
XYZ	48.3746, 47.3003, 11.4307
YIQ	177.9050, 68.0900, -22.5500

Conversions

Conversions Part 2

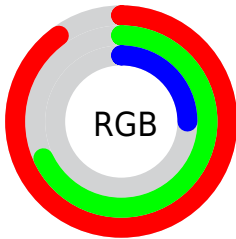
Format	Color
RYB	147, 229, 64
Decimal	15052352
CIELab	74.38, 9.63, 61.48
CIELCh	74, 62.231, 81.098
Yxy	47.3003, 0.4517, 0.4416
Android (android.graphics.Color)	4293242432 (0xFFE5AE40)
YUV	177.9050, -56.1552, 44.8103
Hunter-Lab	68.7752, 5.1953, 38.2884

Details

The Hex color **E5AE40** 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 **4077E5**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFE576**, and **A97A00** is the 20% darker color. If you saturate the color by 10%, you get **E5A629**, and if you desaturate by 10%, it is **E5B657**.

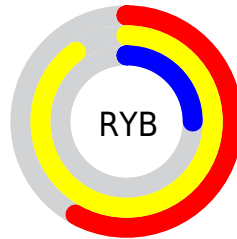
Distribution



Red (90%)

Green (68%)

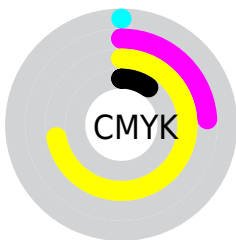
Blue (25%)



Red (58%)

Yellow (90%)

Blue (25%)

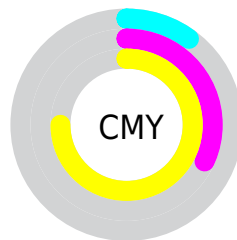


Cyan (0%)

Magenta (24%)

Yellow (72%)

Black (10%)



Cyan (10%)

Magenta (32%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5AE40 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 E5AE40 by changing the saturation by 10% instead.

 E5AE40

 E5AE40

FFFFFF

 C79423

 FFE576

 A97A00

 FFFF91

 8C6100

 FFFFAD

 704A00

 FFFF C9

 543300

 FFFF E6

 391E00

 210800

 000000

 E5AE40

 E5AE40

 E5A629

 E5B657

 E59F12

 E5BD6E

 E59900

 E5C585

 E5CD9C

 E5D4B3

 E5DCC9

 E5E3E0

 E5EBF7

 E5F3FF

Harmonies

Analogous

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



FF985F



E5AE40



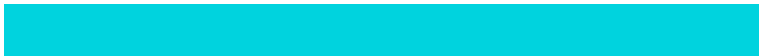
AFC045

Triad

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



E5AE40



00D3DE



EC97FF

Complementary

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



E5AE40



4077E5

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



E5AE40



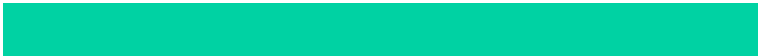
00CEFF

Square

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



E5AE40



00D2A3



00C2FF



FF86CB

Rectangle

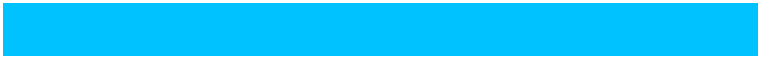
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5AE40



84C95C



00C2FF



D69FFF

Sweetspot

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



E5AE40



FFECC7



E54077



80745E



000000



808080

Same Dimension

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



E5AE40



FFB624



CAE540



736F67



B37700



332200

Inverse Universe

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



4077E5



246DFF



5B40E5



676B73



003BB3



001133

Previews

White Background



This preview shows how the Hex color E5AE40 looks on a white background.

Color Contrast Check

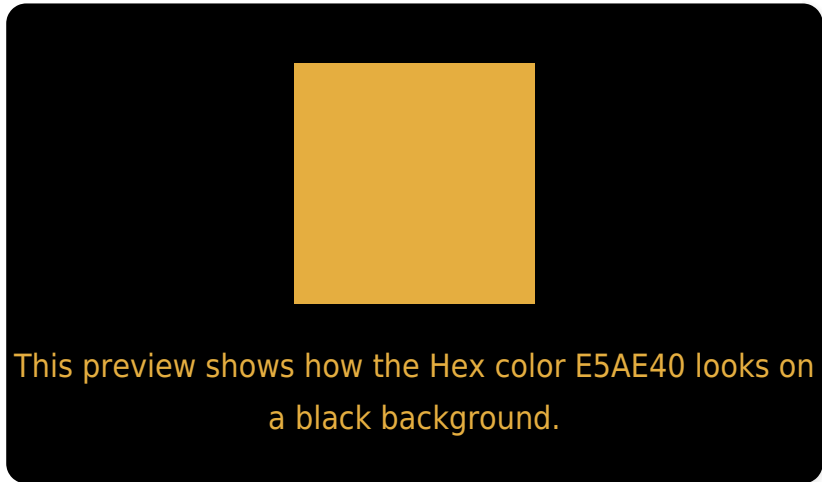
Large Text (above 18pt) WCAG AA × Fail

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 E5AE40 Background



This preview shows how black text looks on a background with the Hex color E5AE40.

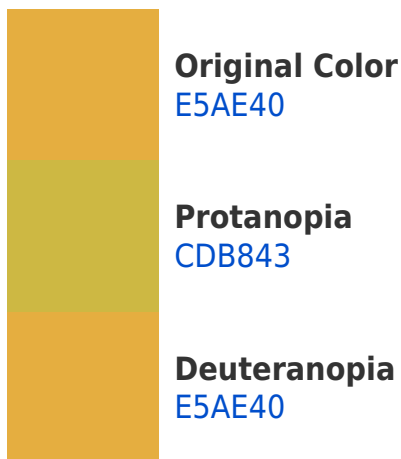


This preview shows how white text looks on a background with the Hex color E5AE40.

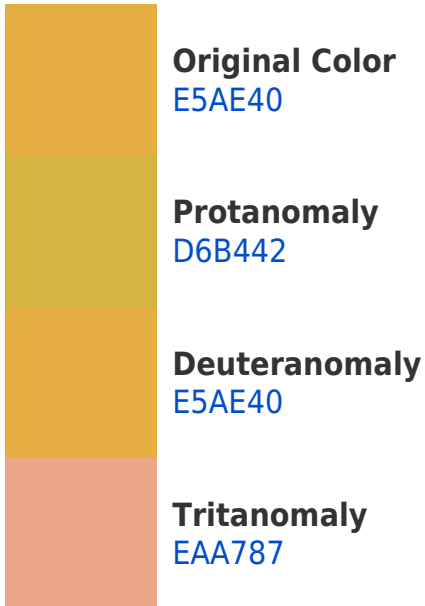
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E5AE40 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 #E5AE40 looks like.

```
.text, #text, p{  
    color:#E5AE40  
}
```

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 #E5AE40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5AE40
}
```

Border

The CSS property to change the border of an element to Hex E5AE40 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
#E5AE40 }
```

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

```
.border{ border-color:#E5AE40 }
```

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

Here you see how a box with a 4 pixel #E5AE40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5AE40; -webkit-box-shadow:4px 4px  
4px 4px #E5AE40; box-shadow:4px 4px 4px  
4px #E5AE40 }
```

Background

The CSS property to change the background color of an element to Hex E5AE40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5AE40 }
```

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

```
.background{ background-color:#E5AE40 }
```

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