

Converting Colors

Hex(E5AA5A)

Have a look what the booklet for
Hex(E5AA5A) contains.

Hex(E5AA5A)	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(E5AA5A)

Conversions

Conversions Part 1

Format	Color
Hex	E5AA5A
RGB	229, 170, 90
RGB Percent	90%, 67%, 35%
CMY	0.1020, 0.3333, 0.6471
CMYK	0.00, 0.26, 0.61, 0.10
HSL	35°, 73%, 63%
HSV	35°, 61%, 90%
XYZ	48.5333, 46.1456, 16.0219
YIQ	178.5210, 60.8440, -12.3720

Conversions

Conversions Part 2

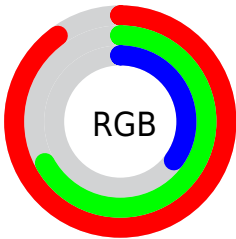
Format	Color
RYB	193, 229, 90
Decimal	15051354
CIELab	73.64, 13.26, 48.96
CIELCh	74, 50.728, 74.845
Yxy	46.1456, 0.4384, 0.4169
Android (android.graphics.Color)	4293241434 (0xFFE5AA5A)
YUV	178.5210, -43.6409, 44.2701
Hunter-Lab	67.9306, 8.6515, 33.5675

Details

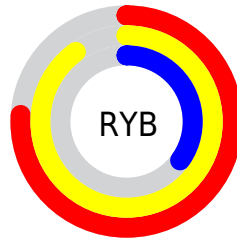
The Hex color **E5AA5A** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5A95E5**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE18E**, and **AA7627** is the 20% darker color. If you saturate the color by 10%, you get **E5A043**, and if you desaturate by 10%, it is **E5B471**.

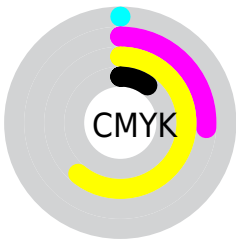
Distribution



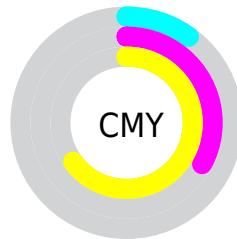
- Red (90%)
- Green (67%)
- Blue (35%)



- Red (76%)
- Yellow (90%)
- Blue (35%)



- Cyan (0%)
- Magenta (26%)
- Yellow (61%)
- Black (10%)



- Cyan (10%)
- Magenta (33%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5AA5A 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 E5AA5A by changing the saturation by 10% instead.

 E5AA5A

 E5AA5A

FFFFFF

 C79041

 FFE18E

 AA7627

 FFFEA9

 8D5D0A

 FFFF C5

 714600

 FFFF E2

 562F00

 3B1A00

 230200

 000000

 E5AA5A

 E5AA5A

 E5A043

 E5B471

 E5972C

 E5BD88

 E58D15

 E5C79F

 E58400

 E5D1B6

 E5DBCC

 E5E4E3

 E5EEFA

 E5F8FF

 E5FFFF

Harmonies

Analogous

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



FF9975



E5AA5A



BABA58

Triad

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



E5AA5A



00CDCB



D6A0F7

Complementary

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



E5AA5A



5A95E5

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.



92B2FF



E5AA5A



00CAF5

Square

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



E5AA5A



3CCB9B



00C1FF



FF91CF

Rectangle

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



E5AA5A



99C266



00C1FF



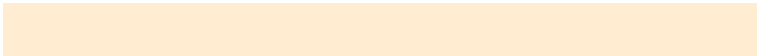
C3A6FF

Sweetspot

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



E5AA5A



FFECD1



E55A96



807463



000000



808080

Same Dimension

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



E5AA5A



FFB045



DCE55A



736E67



B36700



331D00

Inverse Universe

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



5A95E5



4594FF



635AE5



676C73



004CB3



001633

Previews

White Background



This preview shows how the Hex color E5AA5A looks on a white background.

Color Contrast Check

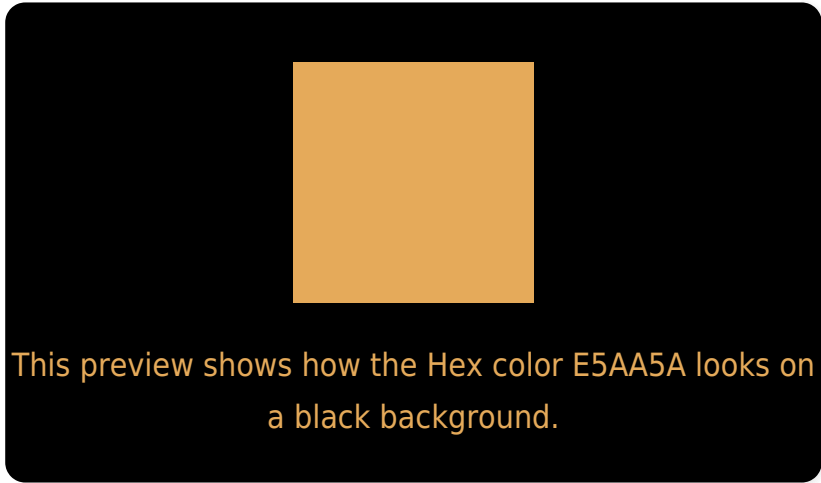
Large Text (above 18pt) WCAG AA × Fail

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 E5AA5A Background



This preview shows how black text looks on a background with the Hex color E5AA5A.

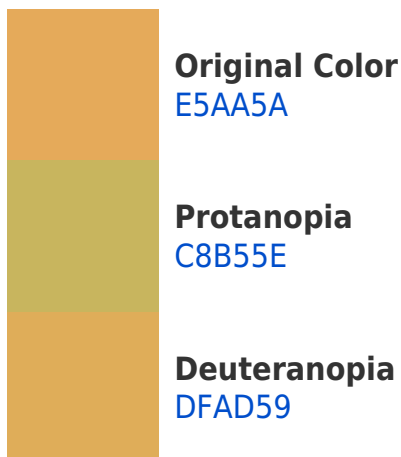


This preview shows how white text looks on a background with the Hex color E5AA5A.

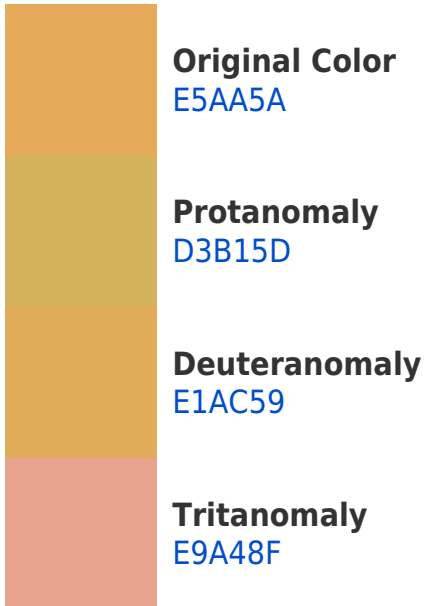
Color Blindness Simulation

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 E5AA5A 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 #E5AA5A looks like.

```
.text, #text, p{  
    color:#E5AA5A  
}
```

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 #E5AA5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5AA5A
}
```

Border

The CSS property to change the border of an element to Hex E5AA5A 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
#E5AA5A }
```

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

```
.border{ border-color:#E5AA5A }
```

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

Here you see how a box with a 4 pixel #E5AA5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5AA5A; -webkit-box-shadow:4px 4px  
4px 4px #E5AA5A; box-shadow:4px 4px 4px  
4px #E5AA5A }
```

Background

The CSS property to change the background color of an element to Hex E5AA5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5AA5A }
```

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

```
.background{ background-color:#E5AA5A }
```

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