

Converting Colors

Hex(E5A55E)

Have a look what the booklet for
Hex(E5A55E) contains.

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Color

Hex(E5A55E)

Conversions

Conversions Part 1

Format	Color
Hex	E5A55E
RGB	229, 165, 94
RGB Percent	90%, 65%, 37%
CMY	0.1020, 0.3529, 0.6314
CMYK	0.00, 0.28, 0.59, 0.10
HSL	32°, 72%, 63%
HSV	32°, 59%, 90%
XYZ	47.7886, 44.3764, 16.6364
YIQ	176.0420, 60.9350, -8.5130

Conversions

Conversions Part 2

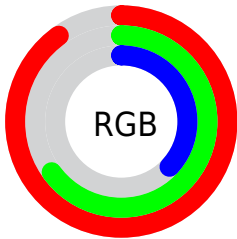
Format	Color
R _Y B	216, 229, 94
Decimal	15050078
CIE Lab	72.48, 16.21, 45.63
CIE LCh	72, 48.423, 70.442
Yxy	44.3764, 0.4392, 0.4079
Android (android.graphics.Color)	4293240158 (0xFFE5A55E)
YUV	176.0420, -40.4467, 46.4442
Hunter-Lab	66.6156, 11.4747, 31.8240

Details

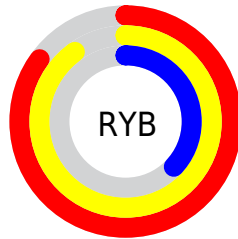
The Hex color **E5A55E** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5E9EE5**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFDC92**, and **AA712C** is the 20% darker color. If you saturate the color by 10%, you get **E59A47**, and if you desaturate by 10%, it is **E5B075**.

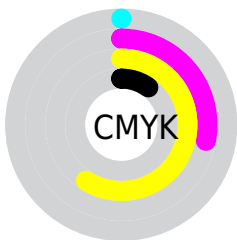
Distribution



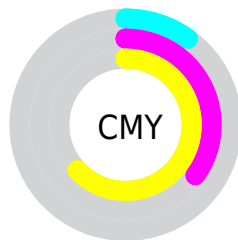
- Red (90%)
- Green (65%)
- Blue (37%)



- Red (85%)
- Yellow (90%)
- Blue (37%)



- Cyan (0%)
- Magenta (28%)
- Yellow (59%)
- Black (10%)



- Cyan (10%)
- Magenta (35%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5A55E 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 E5A55E by changing the saturation by 10% instead.

 E5A55E

 E5A55E

FFFFFF

 C78B45

 FFDC92

 AA712C

 FFF9AD

 8D5912

 FFFFC9

 714100

 FFFFEE

 562B00

 3B1600

 230000

 000000

 E5A55E

 E5A55E

 E59A47

 E5B075

 E58F30

 E5BB8C

 E58419

 E5C6A3

 E57A02

 E5D0BA

 E57800

 E5DBD1

 E5E6E7

 E5F1FE

 E5FCFF

 E5FFFF

Harmonies

Analogous

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



FF967A



E5A55E



BEB458

Triad

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



E5A55E



00C9C0



CAA0F5

Complementary

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



E5A55E



5E9EE5

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.



86B1FF



E5A55E



00C6EA

Square

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



E5A55E



4FC693



00BEFF



F592D0

Rectangle

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



E5A55E



9FBC63



00BEFF



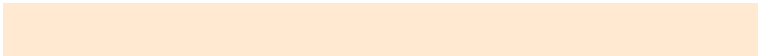
B6A6FE

Sweetspot

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



E5A55E



FFE9D1



E55E9F



807263



000000



808080

Same Dimension

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



E5A55E



FFA94A



E3E55E



736D67



B35E00



331B00

Inverse Universe

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



5E9EE5



4AA0FF



605EE5



676D73



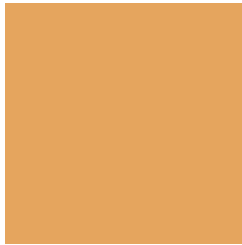
0055B3



001833

Previews

White Background



This preview shows how the Hex color E5A55E looks on a white background.

Color Contrast Check

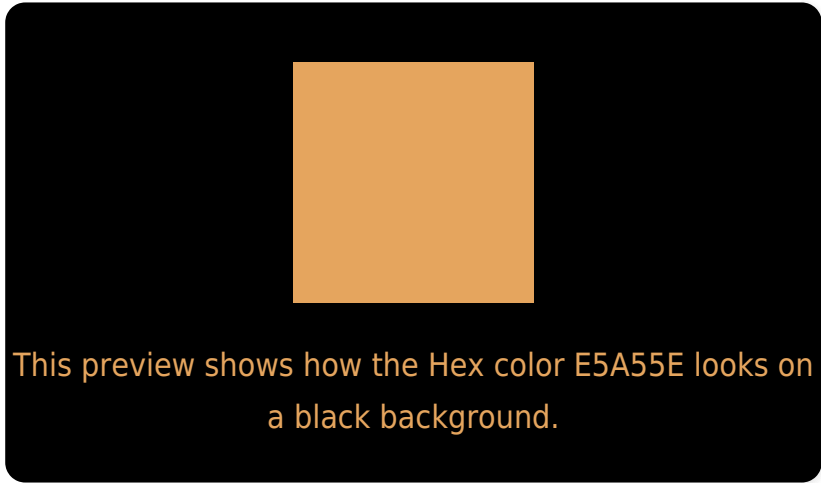
Large Text (above 18pt) WCAG AA × Fail

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

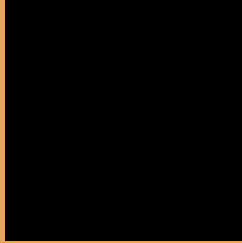
Any Text WCAG AA ✓ Pass

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 E5A55E Background



This preview shows how black text looks on a background with the Hex color E5A55E.



This preview shows how white text looks on a background with the Hex color E5A55E.

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
E5A55E

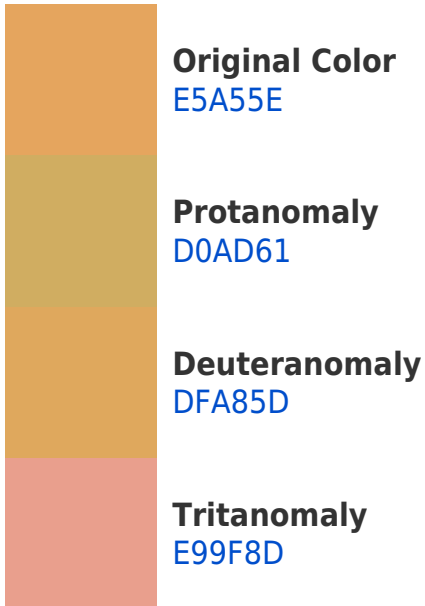
Protanopia
C4B263

Deuteranopia
DBAA5D

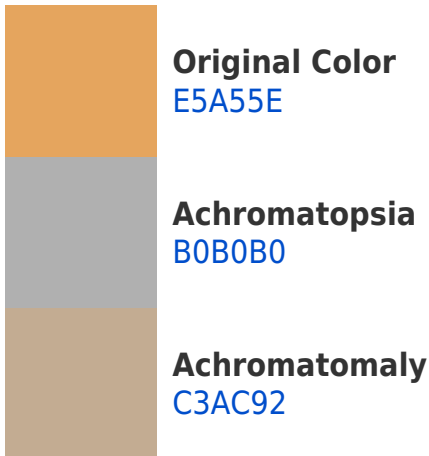


Tritanopia
EB9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E5A55E 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 #E5A55E looks like.

```
.text, #text, p{  
    color:#E5A55E  
}
```

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 #E5A55E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5A55E
}
```

Border

The CSS property to change the border of an element to Hex E5A55E 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
#E5A55E }
```

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

```
.border{ border-color:#E5A55E }
```

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

Here you see how a box with a 4 pixel #E5A55E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5A55E; -webkit-box-shadow:4px 4px  
4px 4px #E5A55E; box-shadow:4px 4px 4px  
4px #E5A55E }
```

Background

The CSS property to change the background color of an element to Hex E5A55E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5A55E }
```

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

```
.background{ background-color:#E5A55E }
```

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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