

Converting Colors

Hex(EAA25E)

Have a look what the booklet for
Hex(EAA25E) contains.

Hex(EAA25E)	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(EAA25E)

Conversions

Conversions Part 1

Format	Color
Hex	EAA25E
RGB	234, 162, 94
RGB Percent	92%, 64%, 37%
CMY	0.0824, 0.3647, 0.6314
CMYK	0.00, 0.31, 0.60, 0.08
HSL	29°, 77%, 64%
HSV	29°, 60%, 92%
XYZ	48.8724, 44.1412, 16.5339
YIQ	175.7760, 64.7400, -5.8840

Conversions

Conversions Part 2

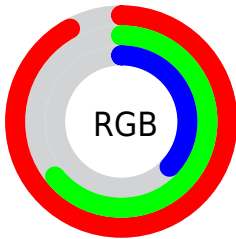
Format	Color
RYB	234, 226, 94
Decimal	15376990
CIELab	72.32, 19.87, 45.58
CIELCh	72, 49.722, 66.448
Yxy	44.1412, 0.4461, 0.4029
Android (android.graphics.Color)	4293567070 (0xFFEAA25E)
YUV	175.7760, -40.3156, 51.0624
Hunter-Lab	66.4389, 15.0365, 31.7523

Details

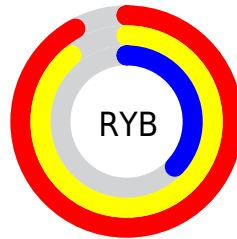
The Hex color **EAA25E** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5EA6EA**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFD992**, and **AE6E2C** is the 20% darker color. If you saturate the color by 10%, you get **EA9647**, and if you desaturate by 10%, it is **EAAE75**.

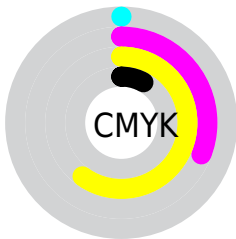
Distribution



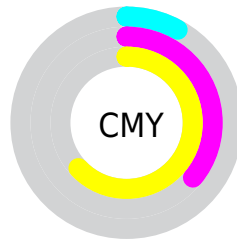
- Red (92%)
- Green (64%)
- Blue (37%)



- Red (92%)
- Yellow (89%)
- Blue (37%)



- Cyan (0%)
- Magenta (31%)
- Yellow (60%)
- Black (8%)



- Cyan (8%)
- Magenta (36%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color EAA25E 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 EAA25E by changing the saturation by 10% instead.

 EAA25E

 EAA25E


FFFFFF

 CC8845

 FFD992

 AE6E2C

 FFF5AD

 915613

 FFFFC9

 753E00

 FFFF E5

 592800

 3E1200

 260000

 000000

 EAA25E

 EAA25E

 EA9647

 EAAE75

 EA8A2F

 EABA8D

 EA7E18

 EAC6A4

 EA7200

 EAD2BC

 EADED3

 EAEAEA

 EAF6FF

 EAFFFF

Harmonies

Analogous

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



FF937E



EAA25E



C3B254

Triad

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



EAA25E



00C9BA



C2A2FB

Complementary

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



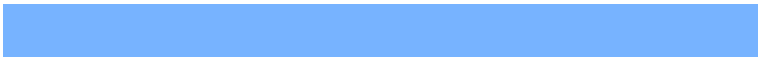
EAA25E



5EA6EA

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.



77B3FF



EAA25E



00C7E6

Square

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



EAA25E



55C68B



00C0FF



F292D7

Rectangle

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



EAA25E



A4BB5D



00C0FF



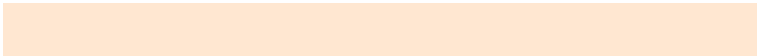
ACA8FF

Sweetspot

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



EAA25E



FFE7D1



EA5EA6



807163



000000



808080

Same Dimension

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



EAA25E



FFA147



EAE85E



756F6A



B55800



361A00

Inverse Universe

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



5EA6EA



47A6FF



5E60EA



6A7075



005DB5



001C36

Previews

White Background



This preview shows how the Hex color EAA25E looks on a white background.

Color Contrast Check

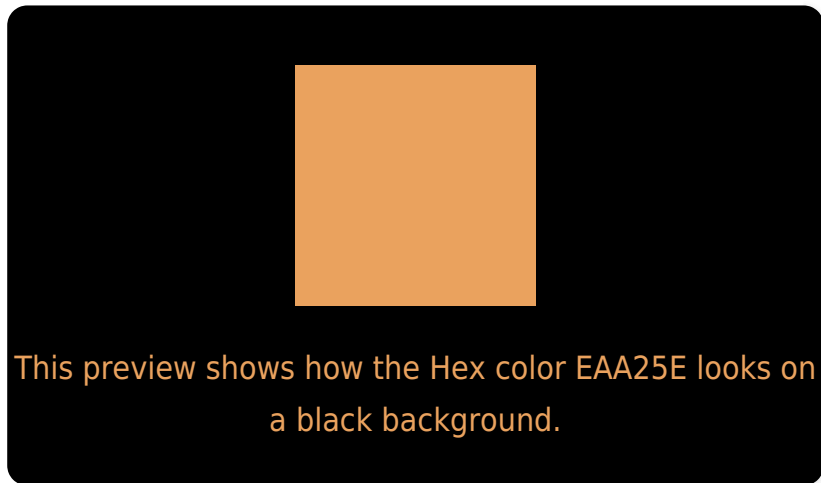
Large Text (above 18pt) WCAG AA × Fail

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

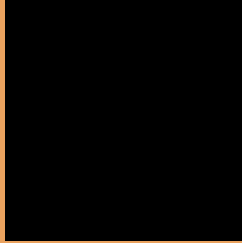
Any Text WCAG AA ✓ Pass

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 EAA25E Background



This preview shows how black text looks on a background with the Hex color EAA25E.

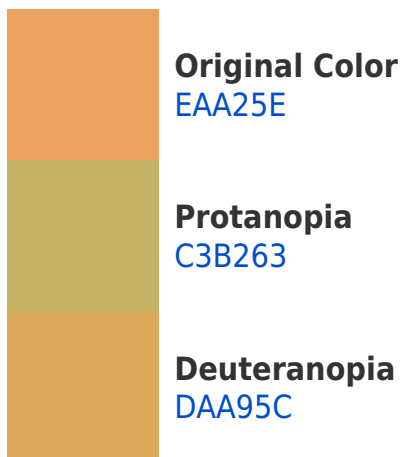



This preview shows how white text looks on a background with the Hex color EAA25E.

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](#).

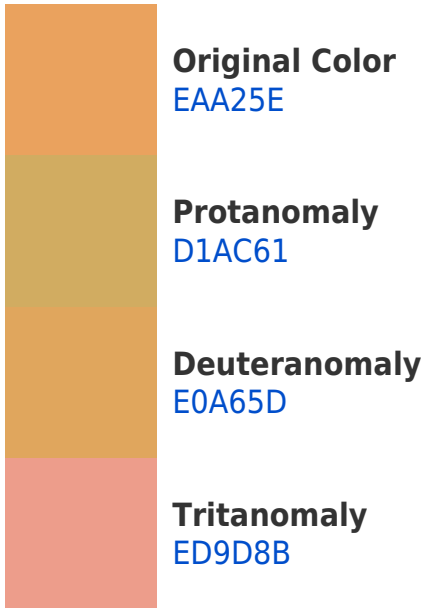
Dichromacy



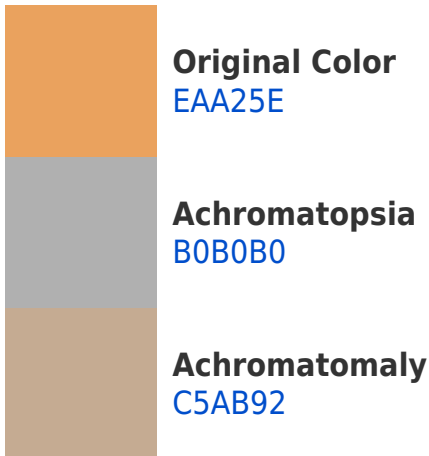


Tritanopia
EF9AA5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EAA25E 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 #EAA25E looks like.

```
.text, #text, p{  
    color:#EAA25E  
}
```

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 #EAA25E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAA25E
}
```

Border

The CSS property to change the border of an element to Hex EAA25E 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
#EAA25E }
```

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

```
.border{ border-color:#EAA25E }
```

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

Here you see how a box with a 4 pixel #EAA25E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAA25E; -webkit-box-shadow:4px 4px  
4px 4px #EAA25E; box-shadow:4px 4px 4px  
4px #EAA25E }
```

Background

The CSS property to change the background color of an element to Hex EAA25E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAA25E }
```

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

```
.background{ background-color:#EAA25E }
```

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