

# Converting Colors

Hex(EAA367)

Have a look what the booklet for  
Hex(EAA367) contains.

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**Color**

**Hex(EAA367)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAA367
RGB	234, 163, 103
RGB Percent	92%, 64%, 40%
CMY	0.0824, 0.3608, 0.5961
CMYK	0.00, 0.30, 0.56, 0.08
HSL	27°, 76%, 66%
HSV	27°, 56%, 92%
XYZ	49.4771, 44.6661, 18.8457
YIQ	177.3890, 61.5760, -3.6080

# Conversions

## Conversions Part 2

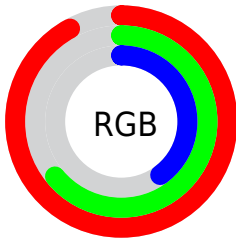
Format	Color
R <sub>Y</sub> B	234, 214, 103
Decimal	15377255
CIE Lab	72.67, 20.01, 41.42
CIE LCh	73, 46.003, 64.216
Yxy	44.6661, 0.4379, 0.3953
Android (android.graphics.Color)	4293567335 (0xFFEAA367)
YUV	177.3890, -36.6738, 49.6478
Hunter-Lab	66.8327, 15.1885, 30.0641

# Details

The Hex color **EAA367** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **67AEEA**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFDA9B**, and **AF6F36** is the 20% darker color. If you saturate the color by 10%, you get **EA9650**, and if you desaturate by 10%, it is **EAB07E**.

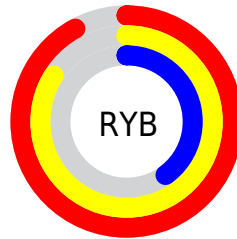
# Distribution



Red (92%)

Green (64%)

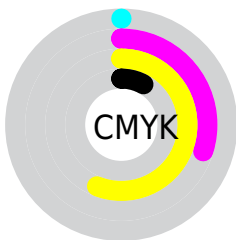
Blue (40%)



Red (92%)

Yellow (84%)

Blue (40%)

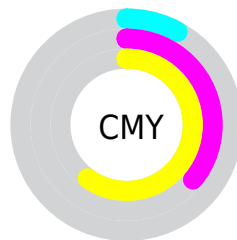


Cyan (0%)

Magenta (30%)

Yellow (56%)

Black (8%)



Cyan (8%)

Magenta (36%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EAA367 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 EAA367 by changing the saturation by 10% instead.



 EAA367

 EAA367

FFFFFF

 CC894E

 FFDA9B

 AF6F36

 FFF7B6

 92561E

 FFFFD2

 763F04

 FFFFEF

 5A2800

 3F1300

 270000

 000000

 EAA367

 EAA367

 EA9650

 EAB07E

 EA8A38

 EABC96

 EA7D21

 EAC9AD

 EA7009

 EAD6C5

 EA6B00

 EAE2DC

 EAEFF3

 EAFCFF

 EAFFFF

# Harmonies

## Analogous

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



FF9585



EAA367



C7B25C

# Triad

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



EAA367



00C8B7



BEA5F8

# Complementary

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



EAA367



67AEEA

# 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.



7AB5FF



EAA367



00C7E0

# Square

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



EAA367



65C58C



00C0FD



EC96D8

# Rectangle

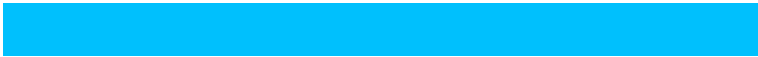
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EAA367



AABA63



00C0FD



AAAFF

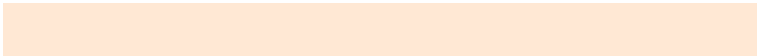


# Sweetspot

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



EAA367



FFE8D4



EA67AF



807266



000000



808080



# Same Dimension

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



EAA367



FFA254



EAE367



756F6A



B55300



361900

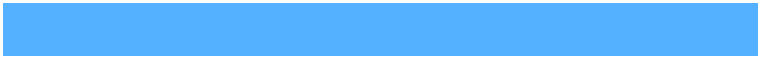


# Inverse Universe

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



67AEEA



54B1FF



676EEA



6A7075



0062B5



001D36



# Previews

## White Background



This preview shows how the Hex color EAA367 looks on a white background.

## Color Contrast Check

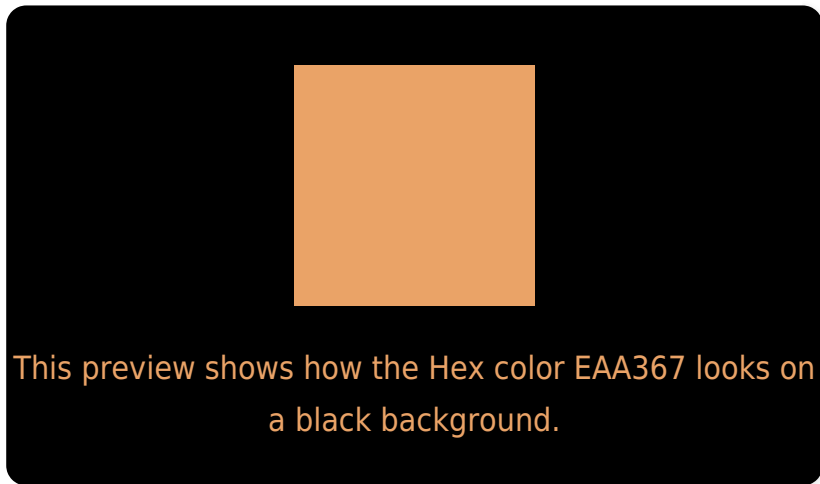
Large Text (above 18pt) WCAG AA × Fail

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

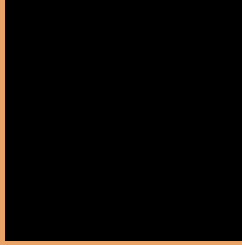
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EAA367 Background



This preview shows how black text looks on a background with the Hex color EAA367.

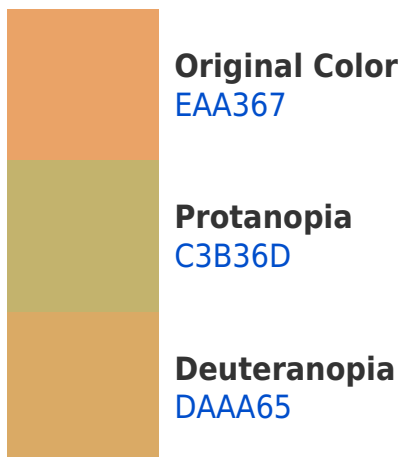



This preview shows how white text looks on a background with the Hex color EAA367.

# 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](#).

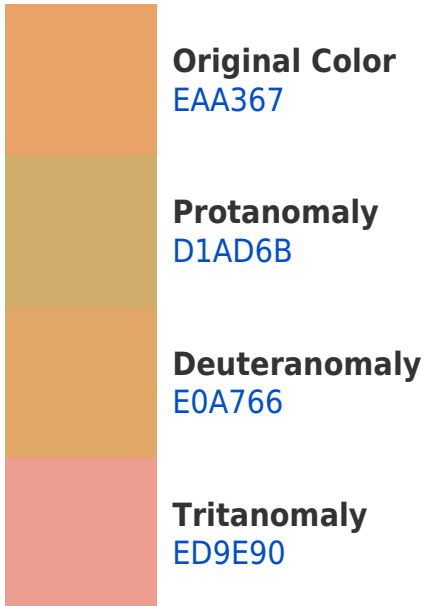
## Dichromacy



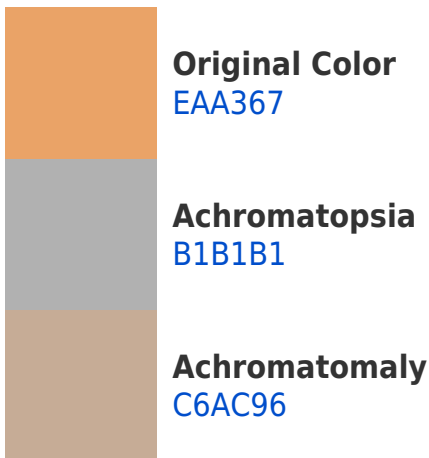


**Tritanopia**  
EF9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EAA367 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 #EAA367 looks like.

```
.text, #text, p{  
    color:#EAA367  
}
```

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 #EAA367 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAA367
}
```

## Border

The CSS property to change the border of an element to Hex EAA367 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
#EAA367 }
```

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

```
.border{ border-color:#EAA367 }
```

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

Here you see how a box with a 4 pixel #EAA367 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAA367; -webkit-box-shadow:4px 4px  
4px 4px #EAA367; box-shadow:4px 4px 4px  
4px #EAA367 }
```

# Background

The CSS property to change the background color of an element to Hex EAA367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAA367 }
```

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

```
.background{ background-color:#EAA367 }
```

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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