

# Converting Colors

Hex(E6A46F)

Have a look what the booklet for  
Hex(E6A46F) contains.

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# **Color**

**Hex(E6A46F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6A46F
RGB	230, 164, 111
RGB Percent	90%, 64%, 44%
CMY	0.0980, 0.3569, 0.5647
CMYK	0.00, 0.29, 0.52, 0.10
HSL	27°, 70%, 67%
HSV	27°, 52%, 90%
XYZ	48.7778, 44.5216, 21.0616
YIQ	177.6920, 56.3490, -2.4910

# Conversions

## Conversions Part 2

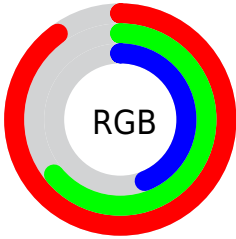
Format	Color
R <sub>Y</sub> B	230, 207, 111
Decimal	15115375
CIE Lab	72.58, 18.52, 37.05
CIE LCh	73, 41.421, 63.442
Yxy	44.5216, 0.4265, 0.3893
Android (android.graphics.Color)	4293305455 (0xFFE6A46F)
YUV	177.6920, -32.8792, 45.8741
Hunter-Lab	66.7245, 13.7215, 27.9923

# Details

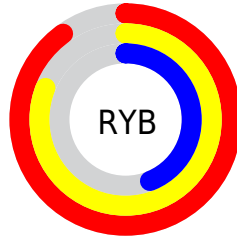
The Hex color **E6A46F** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6FB1E6**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFDBA3**, and **AB703E** is the 20% darker color. If you saturate the color by 10%, you get **E69758**, and if you desaturate by 10%, it is **E6B186**.

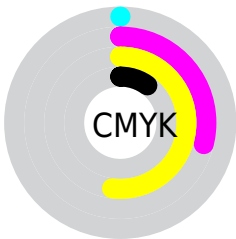
# Distribution



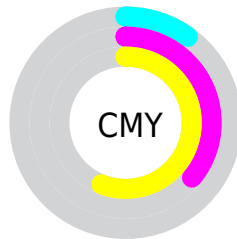
- Red (90%)
- Green (64%)
- Blue (44%)



- Red (90%)
- Yellow (81%)
- Blue (44%)



- Cyan (0%)
- Magenta (29%)
- Yellow (52%)
- Black (10%)



- Cyan (10%)
- Magenta (36%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6A46F 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 E6A46F by changing the saturation by 10% instead.



 E6A46F

 E6A46F

FFFFFF

 C88A56

 FFDBA3

 AB703E

 FFF8BF

 8F5726

 FFFFDB

 73400F

 FFFFF8

 582900

 3D1400

 260000

 000000

 E6A46F

 E6A46F

 E69758

 E6B186

 E68A41

 E6BE9D

 E67E2A

 E6CAB4

 E67113

 E6D7CB

 E66600

 E6E4E2

 E6F1F9

 E6FDFD

 E6FFFF

# Harmonies

## Analogous

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



F9988A



E6A46F



C6B165

# Triad

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



E6A46F



34C6B5



BCA7F1

# Complementary

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



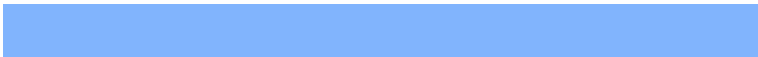
E6A46F



6FB1E6

# 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.



81B4FD



E6A46F



00C5DB

# Square

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



E6A46F



70C38F



33BFF5



E59AD5

# Rectangle

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



E6A46F



ACB96B



33BFF5



AAABF7

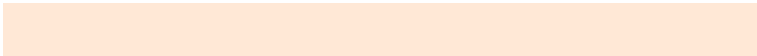


# Sweetspot

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



E6A46F



FFE8D6



E66FB2



807267



000000



808080



# Same Dimension

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



E6A46F



FFA761



E6DE6F



736C67



B35000



331700



# Inverse Universe

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



6FB1E6



61B9FF



6F77E6



676E73



0063B3



001C33



# Previews

## White Background



This preview shows how the Hex color E6A46F looks on a white background.

## Color Contrast Check

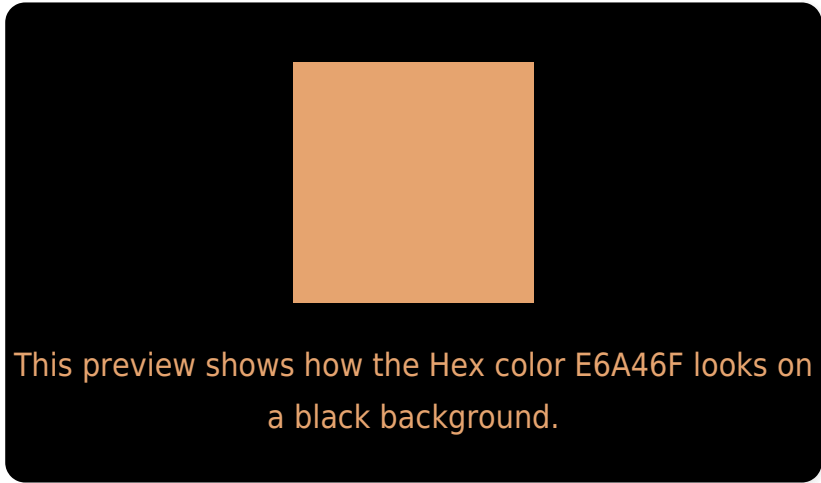
Large Text (above 18pt) WCAG AA × Fail

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

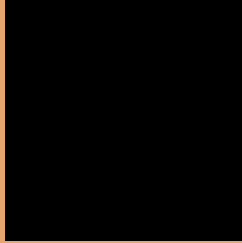
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E6A46F Background



This preview shows how black text looks on a background with the Hex color E6A46F.

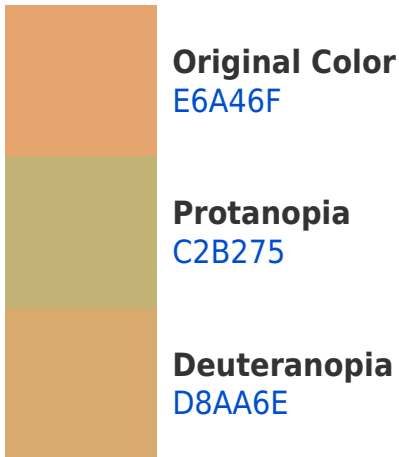


This preview shows how white text looks on a background with the Hex color E6A46F.

# 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](#).

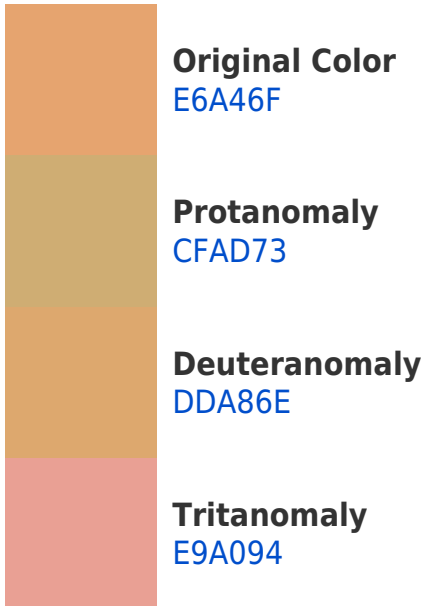
## Dichromacy



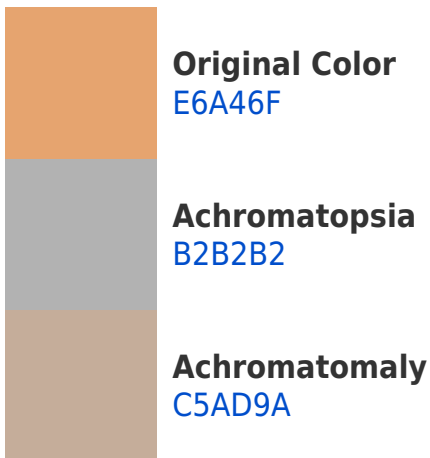


**Tritanopia**  
EB9DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6A46F 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 #E6A46F looks like.

```
.text, #text, p{  
    color:#E6A46F  
}
```

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 #E6A46F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6A46F
}
```

## Border

The CSS property to change the border of an element to Hex E6A46F 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
#E6A46F }
```

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

```
.border{ border-color:#E6A46F }
```

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

Here you see how a box with a 4 pixel #E6A46F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6A46F; -webkit-box-shadow:4px 4px  
4px 4px #E6A46F; box-shadow:4px 4px 4px  
4px #E6A46F }
```

# Background

The CSS property to change the background color of an element to Hex E6A46F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6A46F }
```

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

```
.background{ background-color:#E6A46F }
```

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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