

# Converting Colors

Hex(E49A6F)

Have a look what the booklet for  
Hex(E49A6F) contains.

|  |    |
|--|----|
| <b>Hex(E49A6F)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Hex(E49A6F)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | E49A6F                    |
| RGB           | 228, 154, 111             |
| RGB Percent   | 89%, 60%, 44%             |
| CMY           | 0.1059, 0.3961, 0.5647    |
| CMYK          | 0.00, 0.32, 0.51, 0.11    |
| HSL           | 22°, 68%, 66%             |
| HSV           | 22°, 51%, 89%             |
| XYZ           | 46.4198, 40.7529, 20.4584 |
| YIQ           | 171.2240, 57.9070, 2.3150 |

# Conversions

## Conversions Part 2

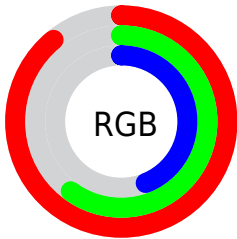
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 228, 179, 111                  |
| Decimal                             | 14981743                       |
| CIE Lab                             | 70.00, 23.05, 33.73            |
| CIE LCh                             | 70, 40.854, 55.647             |
| Yxy                                 | 40.7529, 0.4313,<br>0.3786     |
| Android<br>(android.graphics.Color) | 4293171823<br>(0xFFE49A6F)     |
| YUV                                 | 171.2240, -29.6904,<br>49.7926 |
| Hunter-Lab                          | 63.8380, 18.0797,<br>25.6857   |

# Details

The Hex color **E49A6F** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6FB9E4**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFD1A3**, and **A9663E** is the 20% darker color. If you saturate the color by 10%, you get **E48C58**, and if you desaturate by 10%, it is **E4A886**.

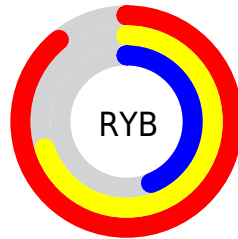
# Distribution



Red (89%)

Green (60%)

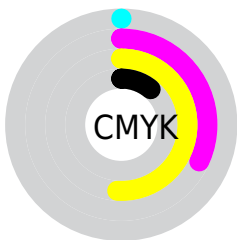
Blue (44%)



Red (89%)

Yellow (70%)

Blue (44%)

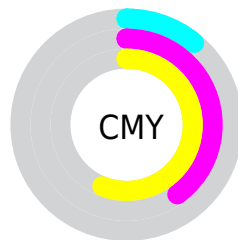


Cyan (0%)

Magenta (32%)

Yellow (51%)

Black (11%)



Cyan (11%)

Magenta (40%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E49A6F 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 E49A6F by changing the saturation by 10% instead.



 E49A6F

 E49A6F

FFFFFF

 C68056


 FFD1A3

 A9663E

 FFEDBE

 8D4E27

 FFFFDA

 713711

 FFFFF7

 562000

 3B0A00

 250001

 000000

 E49A6F

 E49A6F

 E48C58

 E4A886

 E47D41

 E4B79D

 E46F2B

 E4C5B3

 E46014

 E4D4CA

 E45400

 E4E2E1

 E4F1F8

 E4FFFF

# Harmonies

## Analogous

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



F2908D



E49A6F



C8A760

# Triad

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



E49A6F



40BEA4



A7A3EE

# Complementary

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



E49A6F



6FB9E4

# 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.



68B0F5



E49A6F



00BECA

# Square

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



E49A6F



77BA80



00BAE7



D596D5

# Rectangle

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



E49A6F



B0AF62



00BAE7



94A8F2

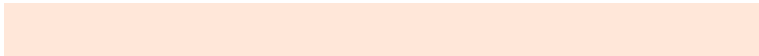


# Sweetspot

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



E49A6F



FFE7D9



E46FB9



807169



000000



808080



# Same Dimension

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



E49A6F



FF9B61



E4D46F



736B67



B34200



331300



# Inverse Universe

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



6FB9E4



61C5FF



6F7FE4



676F73



0071B3

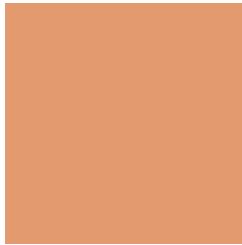


002033



# Previews

## White Background



This preview shows how the Hex color E49A6F looks on a white background.

## Color Contrast Check

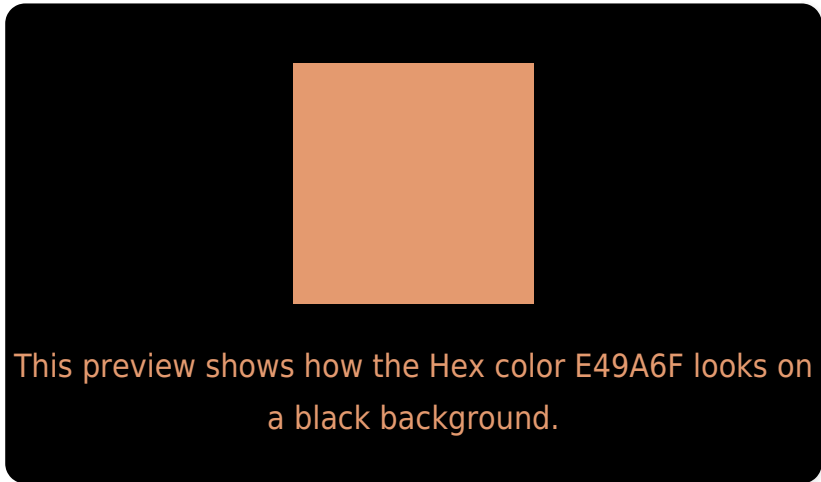
Large Text (above 18pt) WCAG AA × Fail

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

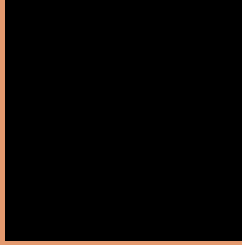
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E49A6F Background



This preview shows how black text looks on a background with the Hex color E49A6F.

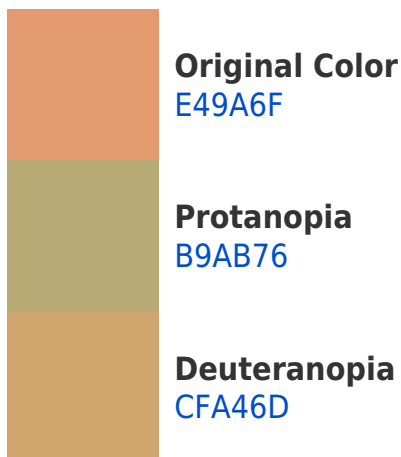


This preview shows how white text looks on a background with the Hex color E49A6F.

# 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](#).

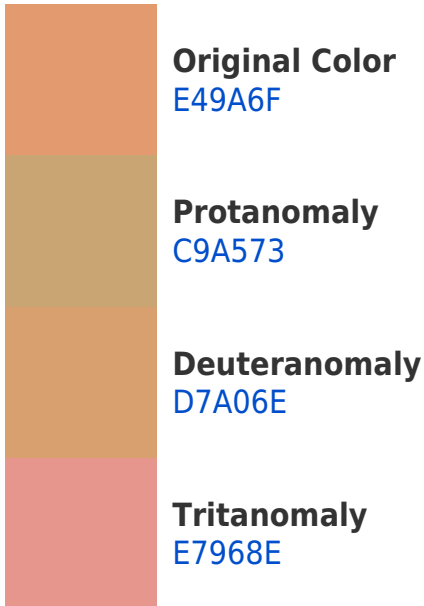
## Dichromacy



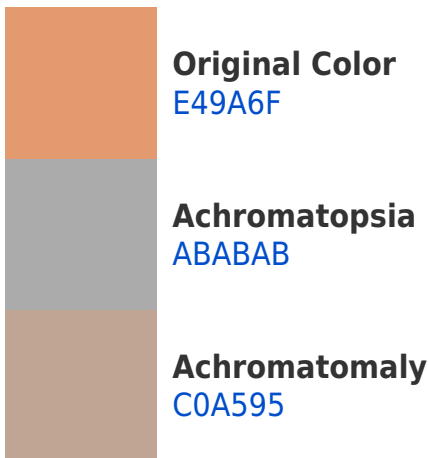


**Tritanopia**  
E8949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E49A6F 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 #E49A6F looks like.

```
.text, #text, p{  
    color:#E49A6F  
}
```

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 #E49A6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E49A6F
}
```

## Border

The CSS property to change the border of an element to Hex E49A6F 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
#E49A6F }
```

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

```
.border{ border-color:#E49A6F }
```

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

Here you see how a box with a 4 pixel #E49A6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E49A6F; -webkit-box-shadow:4px 4px  
4px 4px #E49A6F; box-shadow:4px 4px 4px  
4px #E49A6F }
```

# Background

The CSS property to change the background color of an element to Hex E49A6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E49A6F }
```

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

```
.background{ background-color:#E49A6F }
```

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