

# Converting Colors

Hex(E9AC73)

Have a look what the booklet for  
Hex(E9AC73) contains.

<b>Hex(E9AC73)</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(E9AC73)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9AC73
RGB	233, 172, 115
RGB Percent	91%, 67%, 45%
CMY	0.0863, 0.3255, 0.5490
CMYK	0.00, 0.26, 0.51, 0.09
HSL	29°, 73%, 68%
HSV	29°, 51%, 91%
XYZ	51.4513, 48.0665, 22.7856
YIQ	183.7410, 54.6530, -4.7950

# Conversions

## Conversions Part 2

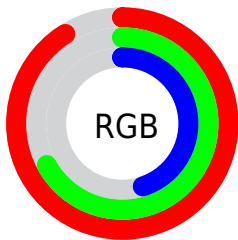
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 225, 115
Decimal	15314035
CIE <sub>Lab</sub>	74.87, 15.83, 37.93
CIE <sub>LCh</sub>	75, 41.097, 67.348
Yxy	48.0665, 0.4207, 0.3930
Android (android.graphics.Color)	4293504115 (0xFFE9AC73)
YUV	183.7410, -33.8893, 43.2001
Hunter-Lab	69.3300, 11.1412, 29.0451

# Details

The Hex color **E9AC73** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **73B0E9**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFE3A8**, and **AF7841** is the 20% darker color. If you saturate the color by 10%, you get **E9A05C**, and if you desaturate by 10%, it is **E9B88A**.

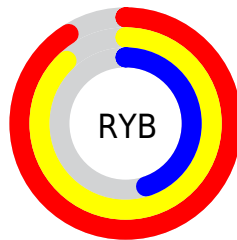
# Distribution



Red (91%)

Green (67%)

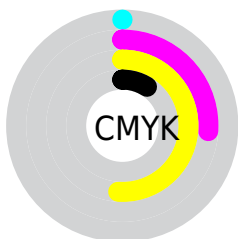
Blue (45%)



Red (91%)

Yellow (88%)

Blue (45%)

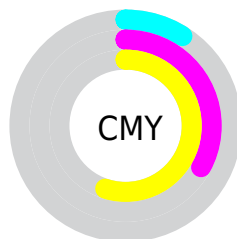


Cyan (0%)

Magenta (26%)

Yellow (51%)

Black (9%)



Cyan (9%)

Magenta (33%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9AC73 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 E9AC73 by changing the saturation by 10% instead.



 E9AC73

 E9AC73

FFFFFF

 CB915A

 FFE3A8

 AF7841

 FFFFC3

 925F2A

 FFFFDF

 764712

 FFFFFC

 5B3000

 411B00

 280500

 000000

 E9AC73

 E9AC73

 E9A05C

 E9B88A

 E99444

 E9C4A2

 E9882D

 E9D0B9

 E97C16

 E9DCD0

 E97100

 E9E8E8

 E9F4FF

 E9FFFF

# Harmonies

## Analogous

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



FEA08C



E9AC73



C8B96C

# Triad

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



E9AC73



37CDC1



C9ABF5

# Complementary

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



E9AC73



73B0E9

# Split Complementary

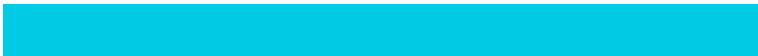
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90B9FF



E9AC73



00CBE5

# Square

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



E9AC73



70CA9A



4AC4FD



EF9FD6

# Rectangle

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



E9AC73



ADC074



4AC4FD



B8B0FB

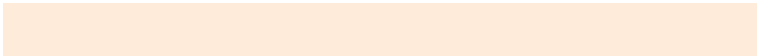


# Sweetspot

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



E9AC73



FFEBD9



E973B2



807469



000000



808080



# Same Dimension

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



E9AC73



FFAF63



E9E573



756F6A



B55700



361A00



# Inverse Universe

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



73B0E9



63B4FF



7377E9



6A7075



005EB5



001C36



# Previews

## White Background



This preview shows how the Hex color E9AC73 looks on a white background.

## Color Contrast Check

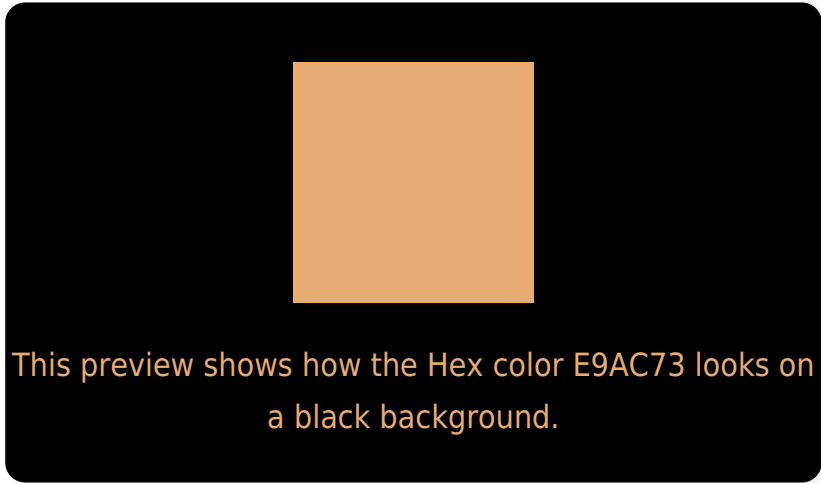
Large Text (above 18pt) WCAG AA × Fail

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

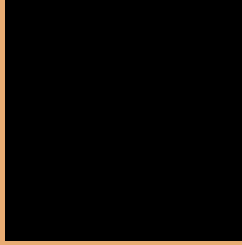
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E9AC73 Background



This preview shows how black text looks on a background with the Hex color E9AC73.

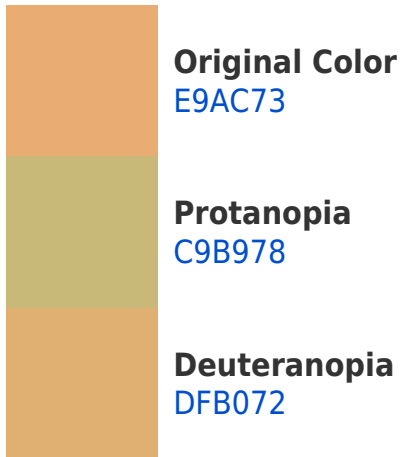


This preview shows how white text looks on a background with the Hex color E9AC73.

# 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](#).

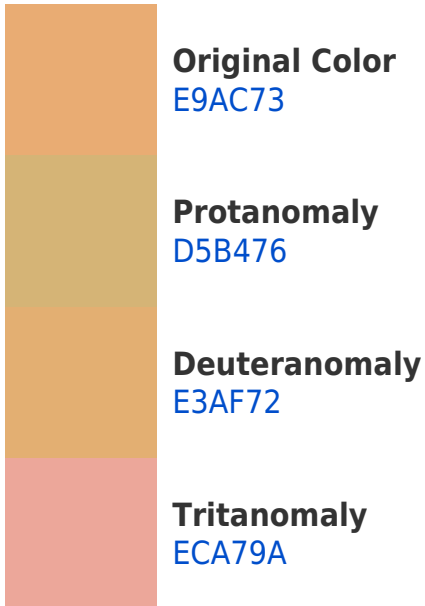
## Dichromacy



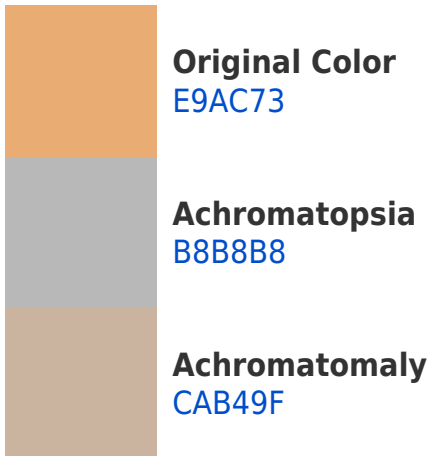


**Tritanopia**  
EEA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9AC73 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 #E9AC73 looks like.

```
.text, #text, p{  
    color:#E9AC73  
}
```

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 #E9AC73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9AC73
}
```

## Border

The CSS property to change the border of an element to Hex E9AC73 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
#E9AC73 }
```

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

```
.border{ border-color:#E9AC73 }
```

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

Here you see how a box with a 4 pixel #E9AC73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9AC73; -webkit-box-shadow:4px 4px  
4px 4px #E9AC73; box-shadow:4px 4px 4px  
4px #E9AC73 }
```

# Background

The CSS property to change the background color of an element to Hex E9AC73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9AC73 }
```

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

```
.background{ background-color:#E9AC73 }
```

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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