

# Converting Colors

Hex(E9A66A)

Have a look what the booklet for  
Hex(E9A66A) contains.

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**Color**

**Hex(E9A66A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9A66A
RGB	233, 166, 106
RGB Percent	91%, 65%, 42%
CMY	0.0863, 0.3490, 0.5843
CMYK	0.00, 0.29, 0.55, 0.09
HSL	28°, 74%, 66%
HSV	28°, 55%, 91%
XYZ	49.8420, 45.6367, 19.8175
YIQ	179.1930, 59.1920, -4.4560

# Conversions

## Conversions Part 2

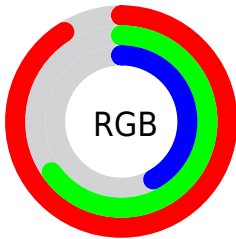
Format	Color
R <sub>Y</sub> B	233, 220, 106
Decimal	15312490
CIE Lab	73.31, 18.25, 40.64
CIE LCh	73, 44.548, 65.818
Yxy	45.6367, 0.4323, 0.3958
Android (android.graphics.Color)	4293502570 (0xFFE9A66A)
YUV	179.1930, -36.0841, 47.1887
Hunter-Lab	67.5549, 13.4761, 29.8955

# Details

The Hex color **E9A66A** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6AADE9**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFDD9E**, and **AE7239** is the 20% darker color. If you saturate the color by 10%, you get **E99A53**, and if you desaturate by 10%, it is **E9B281**.

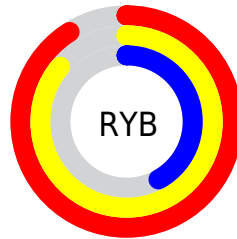
# Distribution



Red (91%)

Green (65%)

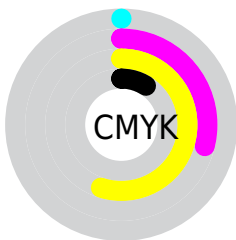
Blue (42%)



Red (91%)

Yellow (86%)

Blue (42%)

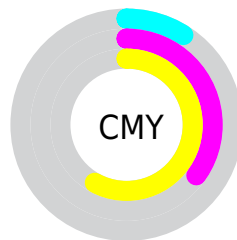


Cyan (0%)

Magenta (29%)

Yellow (55%)

Black (9%)



Cyan (9%)

Magenta (35%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9A66A 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 E9A66A by changing the saturation by 10% instead.



 E9A66A

 E9A66A


FFFFFF

 CB8C51

 FFDD9E

 AE7239

 FFFABA

 915921

 FFFFD6

 754207

 FFFFF2

 5A2B00

 3F1600

 270000

 000000

 E9A66A

 E9A66A

 E99A53

 E9B281

 E98D3B

 E9BF99

 E98124

 E9CBB0

 E9750D

 E9D7C7

 E96E00

 E9E3DF

 E9F0F6

 E9FCFF

 E9FFFF

# Harmonies

## Analogous

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



FF9986



E9A66A



C6B461

# Triad

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



E9A66A



07CABB



C3A6F6

# Complementary

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



E9A66A



6AADE9

# 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.



82B5FF



E9A66A



00C8E3

# Square

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



E9A66A



67C791



1EC1FE



EE99D6

# Rectangle

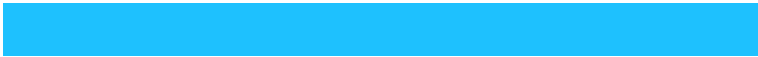
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E9A66A



AABC69



1EC1FE



B0ACFD

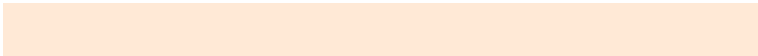


# Sweetspot

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



E9A66A



FFE9D6



E96AAE



807367



000000



808080



# Same Dimension

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



E9A66A



FFA859



E9E56A



756F6A



B55600



361900



# Inverse Universe

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



6AADE9



59B1FF



6A6EE9



6A7075



0060B5



001C36



# Previews

## White Background



This preview shows how the Hex color E9A66A looks on a white background.

## Color Contrast Check

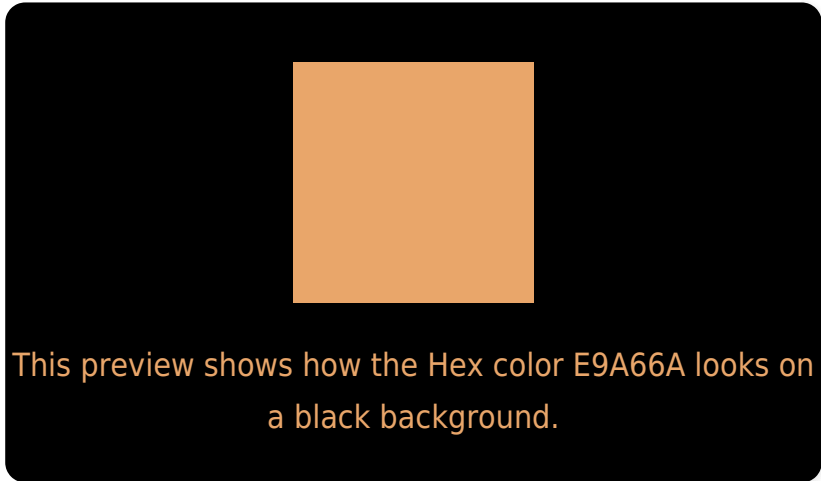
Large Text (above 18pt) WCAG AA × Fail

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

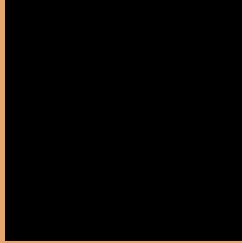
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E9A66A Background



This preview shows how black text looks on a background with the Hex color E9A66A.

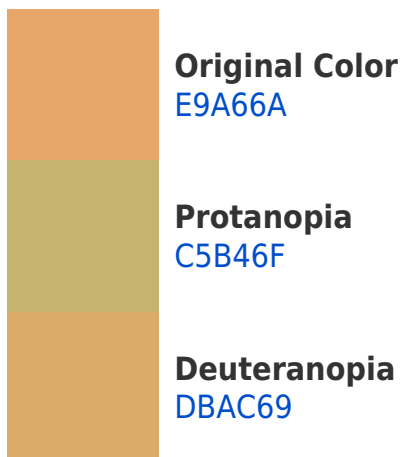


This preview shows how white text looks on a background with the Hex color E9A66A.

# 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](#).

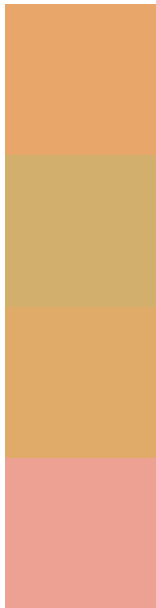
## Dichromacy





**Tritanopia**  
EE9EAA

# Trichromacy



**Original Color**  
E9A66A

**Protanomaly**  
D2AF6D

**Deuteranomaly**  
E0AA69

**Tritanomaly**  
ECA193

# Monochromacy



**Original Color**  
E9A66A

**Achromatopsia**  
B3B3B3

**Achromatomaly**  
C7AE98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9A66A 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 #E9A66A looks like.

```
.text, #text, p{  
    color:#E9A66A  
}
```

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 #E9A66A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9A66A
}
```

## Border

The CSS property to change the border of an element to Hex E9A66A 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
#E9A66A }
```

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

```
.border{ border-color:#E9A66A }
```

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

Here you see how a box with a 4 pixel #E9A66A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9A66A; -webkit-box-shadow:4px 4px  
4px 4px #E9A66A; box-shadow:4px 4px 4px  
4px #E9A66A }
```

# Background

The CSS property to change the background color of an element to Hex E9A66A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9A66A }
```

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

```
.background{ background-color:#E9A66A }
```

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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