

# Converting Colors

Hex(E9A676)

Have a look what the booklet for  
Hex(E9A676) contains.

<b>Hex(E9A676)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(E9A676)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E9A676
RGB	233, 166, 118
RGB Percent	91%, 65%, 46%
CMY	0.0863, 0.3490, 0.5373
CMYK	0.00, 0.29, 0.49, 0.09
HSL	25°, 72%, 69%
HSV	25°, 49%, 91%
XYZ	50.5105, 45.9041, 23.3377
YIQ	180.5610, 55.3400, -0.7240

# Conversions

## Conversions Part 2

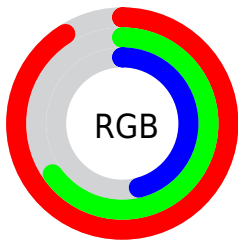
Format	Color
R <sub>Y</sub> B	233, 200, 118
Decimal	15312502
CIE Lab	73.48, 19.29, 34.59
CIE LCh	73, 39.607, 60.849
Yxy	45.9041, 0.4218, 0.3833
Android (android.graphics.Color)	4293502582 (0xFFE9A676)
YUV	180.5610, -30.8426, 45.9890
Hunter-Lab	67.7525, 14.5074, 27.0040

# Details

The Hex color **E9A676** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **76B9E9**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFDDAB**, and **AE7245** is the 20% darker color. If you saturate the color by 10%, you get **E9985F**, and if you desaturate by 10%, it is **E9B48D**.

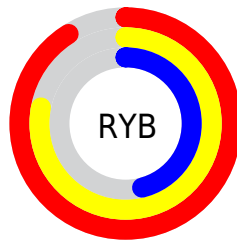
# Distribution



Red (91%)

Green (65%)

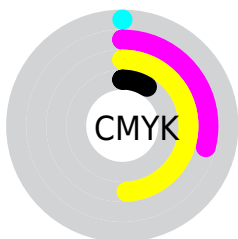
Blue (46%)



Red (91%)

Yellow (78%)

Blue (46%)

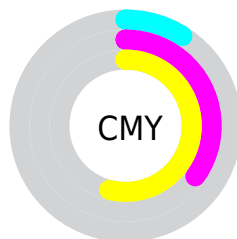


Cyan (0%)

Magenta (29%)

Yellow (49%)

Black (9%)



Cyan (9%)

Magenta (35%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9A676 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 E9A676 by changing the saturation by 10% instead.



 E9A676

 E9A676

FFFFFF

 CB8C5D

 FFDDAB

 AE7245

 FFFAC6

 92592D

 FFFFE2

 764116

 5B2B00

 401500

 280000

 000000

 E9A676

 E9A676

 E9985F

 E9B48D

 E98B47

 E9C1A5

 E97D30

 E9CFBC

 E97019

 E9DCD3

 E96202

 E9EAEB

 E96100

 E9F7FF

 E9FFFF

# Harmonies

## Analogous

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



FA9B91



E9A676



CBB36B

# Triad

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



E9A676



47C8B4



BAABF3

# Complementary

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



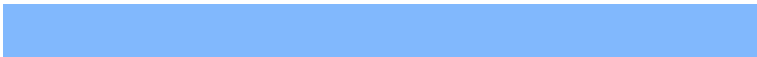
E9A676



76B9E9

# 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.



81B8FD



E9A676



10C7D9

# Square

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



E9A676



7AC590



3FC2F3



E39ED8

# Rectangle

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



E9A676



B3BA6F



3FC2F3



A8AFF8

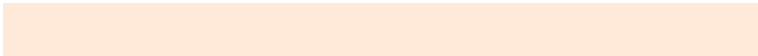


# Sweetspot

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



E9A676



FFE9D9



E976B9



807269



000000



808080



# Same Dimension

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



E9A676



FFA769



E9DF76



756E6A



B54C00



361600

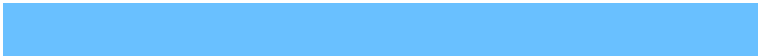


# Inverse Universe

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



76B9E9



69C0FF



7680E9



6A7075



0069B5

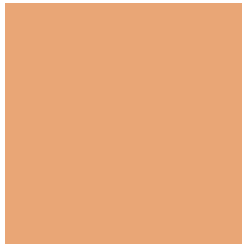


001F36



# Previews

## White Background



This preview shows how the Hex color E9A676 looks on a white background.

## Color Contrast Check

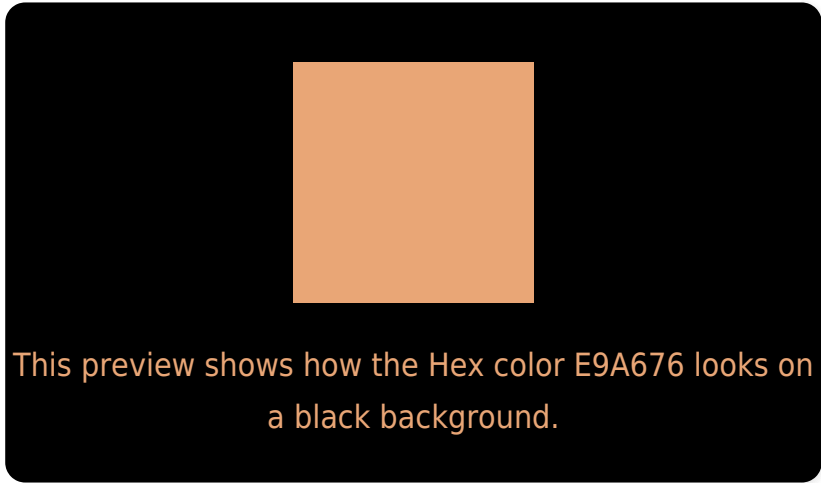
Large Text (above 18pt) WCAG AA × Fail

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

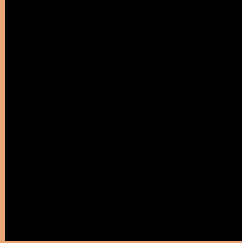
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E9A676 Background



This preview shows how black text looks on a background with the Hex color E9A676.

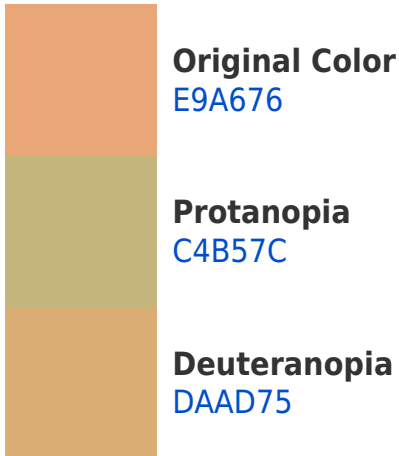


This preview shows how white text looks on a background with the Hex color E9A676.

# 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





# Trichromacy



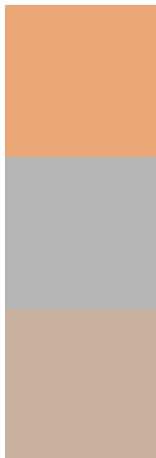
**Original Color**  
E9A676

**Protanomaly**  
D1B07A

**Deuteranomaly**  
DFAA75

**Tritanomaly**  
ECA298

# Monochromacy



**Original Color**  
E9A676

**Achromatopsia**  
B5B5B5

**Achromatomaly**  
C8B09E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9A676 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 #E9A676 looks like.

```
.text, #text, p{  
    color:#E9A676  
}
```

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 #E9A676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9A676
}
```

## Border

The CSS property to change the border of an element to Hex E9A676 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
#E9A676 }
```

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

```
.border{ border-color:#E9A676 }
```

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

Here you see how a box with a 4 pixel #E9A676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9A676; -webkit-box-shadow:4px 4px  
4px 4px #E9A676; box-shadow:4px 4px 4px  
4px #E9A676 }
```

# Background

The CSS property to change the background color of an element to Hex E9A676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9A676 }
```

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

```
.background{ background-color:#E9A676 }
```

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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