

# Converting Colors

Hex(E9B47F)

Have a look what the booklet for  
Hex(E9B47F) contains.

<b>Hex(E9B47F)</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(E9B47F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9B47F
RGB	233, 180, 127
RGB Percent	91%, 71%, 50%
CMY	0.0863, 0.2941, 0.5020
CMYK	0.00, 0.23, 0.45, 0.09
HSL	30°, 71%, 71%
HSV	30°, 45%, 91%
XYZ	53.7563, 51.4985, 27.1856
YIQ	189.8050, 48.6010, -5.2470

# Conversions

## Conversions Part 2

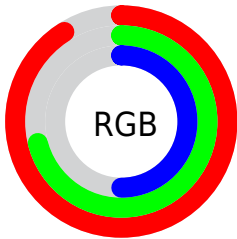
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 233, 127
Decimal	15316095
CIE <sub>Lab</sub>	76.98, 12.72, 34.37
CIE <sub>LCh</sub>	77, 36.649, 69.698
Yxy	51.4985, 0.4059, 0.3888
Android (android.graphics.Color)	4293506175 (0xFFE9B47F)
YUV	189.8050, -30.9629, 37.8820
Hunter-Lab	71.7624, 8.1278, 27.7730

# Details

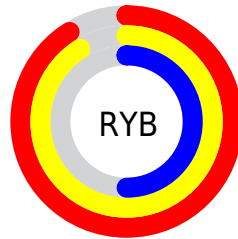
The Hex color **E9B47F** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **7FB4E9**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFECB4**, and **AF7F4D** is the 20% darker color. If you saturate the color by 10%, you get **E9A868**, and if you desaturate by 10%, it is **E9C096**.

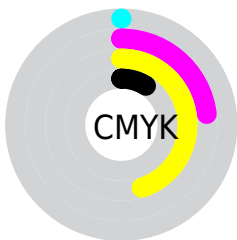
# Distribution



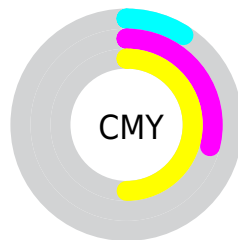
- Red (91%)
- Green (71%)
- Blue (50%)



- Red (91%)
- Yellow (91%)
- Blue (50%)



- Cyan (0%)
- Magenta (23%)
- Yellow (45%)
- Black (9%)



- Cyan (9%)
- Magenta (29%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9B47F 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 E9B47F by changing the saturation by 10% instead.



 E9B47F

 E9B47F

FFFFFF

 CC9966

 FFECB4

 AF7F4D

 FFFFD0

 936635

 FFFFED

 784E1E

 5D3706

 432200

 290E00

 000000

 E9B47F

 E9B47F

 E9A868

 E9C096

 E99D50

 E9CBAE

 E99139

 E9D7C5

 E98522

 E9E3DC

 E97A0B

 E9EEF4

 E97500

 E9FAFF

 E9FFFF

# Harmonies

## Analogous

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



FDA994



E9B47F



CAC07B

# Triad

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



E9B47F



55D1C8



D1B1F2

# Complementary

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



E9B47F



7FB4E9

# 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.



A1BEFF



E9B47F



46CEE8

# Square

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



E9B47F



7CCFA5



6BC8FD



F2A7D6

# Rectangle

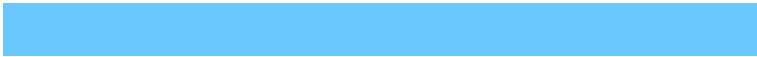
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E9B47F



B2C682



6BC8FD



C2B5F9

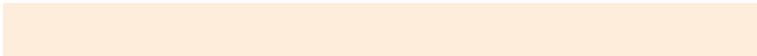


# Sweetspot

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



E9B47F



FFEDDB



E97FB4



80756A



000000



808080



# Same Dimension

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



E9B47F



FFB973



E9E97F



756F6A



B55B00



361B00

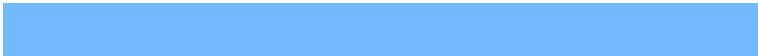


# Inverse Universe

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



7FB4E9



73B9FF



7F7FE9



6A6F75



005BB5

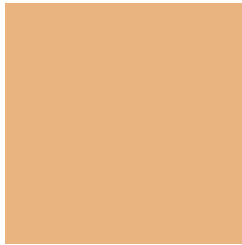


001B36



# Previews

## White Background



This preview shows how the Hex color E9B47F looks on a white background.

## Color Contrast Check

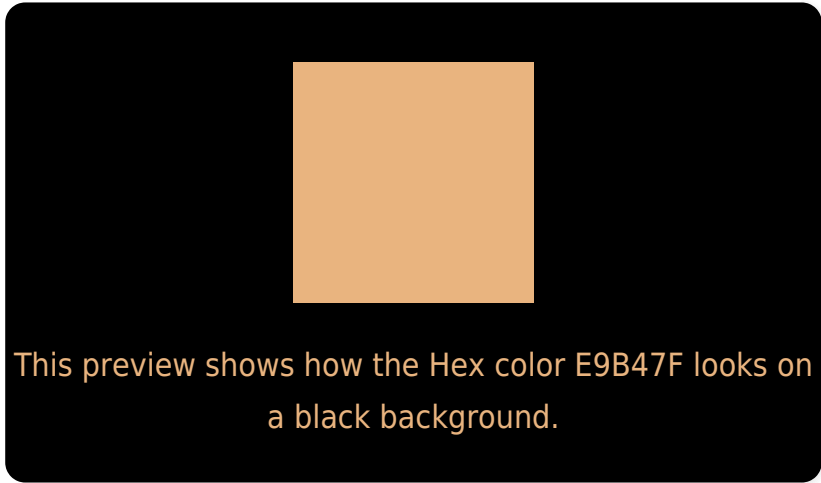
Large Text (above 18pt) WCAG AA × Fail

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

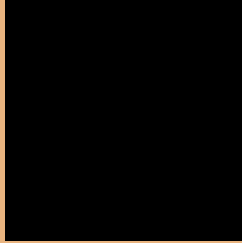
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E9B47F Background



This preview shows how black text looks on a background with the Hex color E9B47F.



This preview shows how white text looks on a background with the Hex color E9B47F.

# Color Blindness Simulation

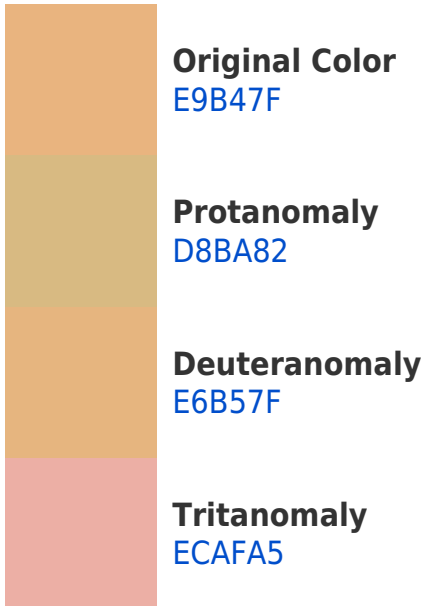
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9B47F 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 #E9B47F looks like.

```
.text, #text, p{  
    color:#E9B47F  
}
```

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 #E9B47F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9B47F
}
```

## Border

The CSS property to change the border of an element to Hex E9B47F 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
#E9B47F }
```

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

```
.border{ border-color:#E9B47F }
```

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

Here you see how a box with a 4 pixel #E9B47F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9B47F; -webkit-box-shadow:4px 4px  
4px 4px #E9B47F; box-shadow:4px 4px 4px  
4px #E9B47F }
```

# Background

The CSS property to change the background color of an element to Hex E9B47F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9B47F }
```

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

```
.background{ background-color:#E9B47F }
```

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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