

# Converting Colors

Hex(E1A57F)

Have a look what the booklet for  
Hex(E1A57F) contains.

<b>Hex(E1A57F)</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(E1A57F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1A57F
RGB	225, 165, 127
RGB Percent	88%, 65%, 50%
CMY	0.1176, 0.3529, 0.5020
CMYK	0.00, 0.27, 0.44, 0.12
HSL	23°, 62%, 69%
HSV	23°, 44%, 88%
XYZ	48.3372, 44.4501, 26.1108
YIQ	178.6080, 47.9580, 0.9020

# Conversions

## Conversions Part 2

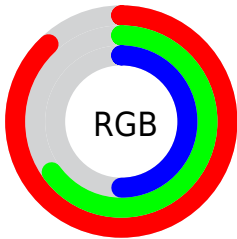
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 189, 127
Decimal	14787967
CIE <sub>Lab</sub>	72.53, 17.51, 28.38
CIE <sub>LCh</sub>	73, 33.349, 58.318
Yxy	44.4501, 0.4065, 0.3739
Android (android.graphics.Color)	4292978047 (0xFFE1A57F)
YUV	178.6080, -25.4427, 40.6858
Hunter-Lab	66.6709, 12.7406, 23.4495

# Details

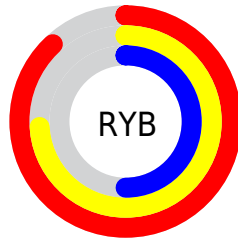
The Hex color **E1A57F** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7FBBE1**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFDCB4**, and **A7714D** is the 20% darker color. If you saturate the color by 10%, you get **E19769**, and if you desaturate by 10%, it is **E1B396**.

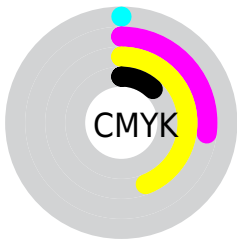
# Distribution



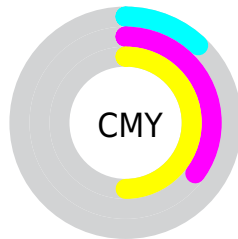
- Red (88%)
- Green (65%)
- Blue (50%)



- Red (88%)
- Yellow (74%)
- Blue (50%)



- Cyan (0%)
- Magenta (27%)
- Yellow (44%)
- Black (12%)



- Cyan (12%)
- Magenta (35%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1A57F 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 E1A57F by changing the saturation by 10% instead.



 E1A57F

 E1A57F

FFFFFF

 C48B66

 FFDCB4

 A7714D

 FFF9D0

 8C5836

 FFFFEC

 704120

 562A09

 3C1500

 250000

 000000

 E1A57F

 E1A57F

 E19769

 E1B396

 E18952

 E1C1AC

 E17C3C


 E1CEC3

 E16E25

 E1DCD9

 E1600F

 E1EAF0

 E15700

 E1F8FF

 E1FFFF

# Harmonies

## Analogous

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



EE9D96



E1A57F



C9AF75

# Triad

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



E1A57F



61C2AF



B4ABE8

# Complementary

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



E1A57F



7FBBE1

# 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.



86B5EE



E1A57F



4AC2CE

# Square

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



E1A57F



85BF91



5ABDE5



D7A1D2

# Rectangle

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



E1A57F



B4B677



5ABDE5



A5AEEC

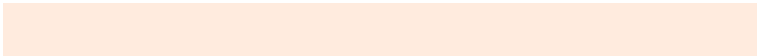


# Sweetspot

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



E1A57F



FFEBDE



E17FBB



80736B



000000



808080



# Same Dimension

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



E1A57F



FFAE7A



E1D67F



706965



B04400



301300

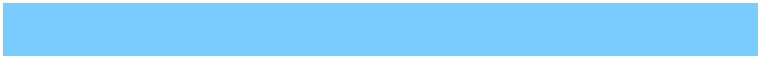


# Inverse Universe

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



7FBBE1



7ACCFE



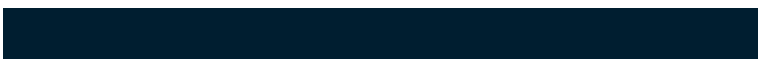
7F8AE1



656C70



006CB0



001E30



# Previews

## White Background



This preview shows how the Hex color E1A57F looks on a white background.

## Color Contrast Check

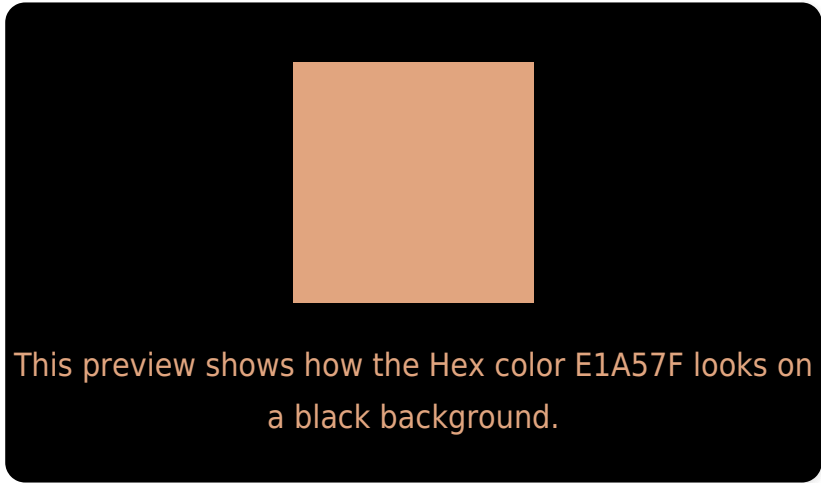
Large Text (above 18pt) WCAG AA × Fail

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

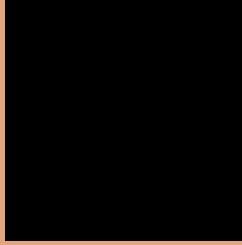
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E1A57F Background



This preview shows how black text looks on a background with the Hex color E1A57F.

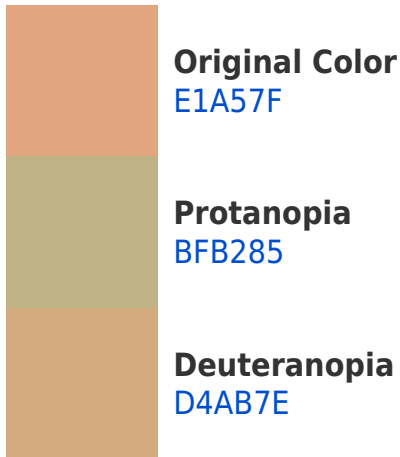


This preview shows how white text looks on a background with the Hex color E1A57F.

# 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](#).

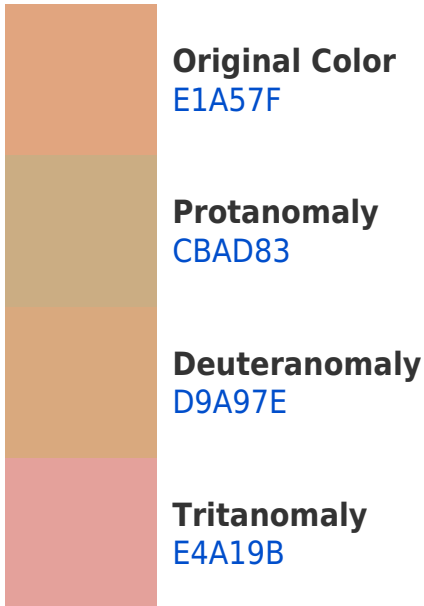
## Dichromacy



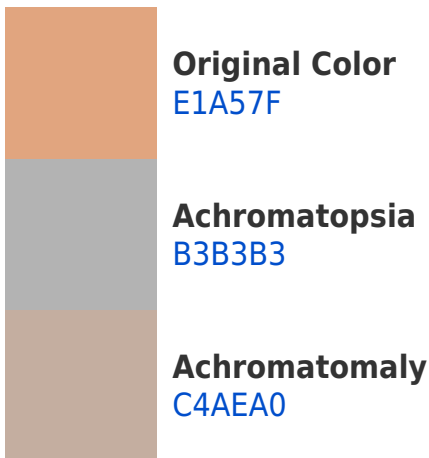


**Tritanopia**  
E59FAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1A57F 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 #E1A57F looks like.

```
.text, #text, p{  
    color:#E1A57F  
}
```

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 #E1A57F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1A57F
}
```

## Border

The CSS property to change the border of an element to Hex E1A57F 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
#E1A57F }
```

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

```
.border{ border-color:#E1A57F }
```

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

Here you see how a box with a 4 pixel #E1A57F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1A57F; -webkit-box-shadow:4px 4px  
4px 4px #E1A57F; box-shadow:4px 4px 4px  
4px #E1A57F }
```

# Background

The CSS property to change the background color of an element to Hex E1A57F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1A57F }
```

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

```
.background{ background-color:#E1A57F }
```

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