

# Converting Colors

Hex(E19C7A)

Have a look what the booklet for  
Hex(E19C7A) contains.

<b>Hex(E19C7A)</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(E19C7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E19C7A
RGB	225, 156, 122
RGB Percent	88%, 61%, 48%
CMY	0.1176, 0.3882, 0.5216
CMYK	0.00, 0.31, 0.46, 0.12
HSL	20°, 63%, 68%
HSV	20°, 46%, 88%
XYZ	46.4527, 41.1896, 23.9144
YIQ	172.7550, 52.0380, 4.0540

# Conversions

## Conversions Part 2

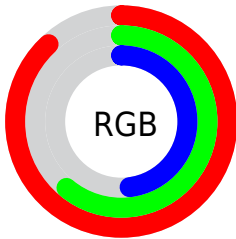
Format	Color
R <sub>Y</sub> B	225, 173, 122
Decimal	14785658
CIE Lab	70.31, 21.83, 28.14
CIE LCh	70, 35.612, 52.199
Yxy	41.1896, 0.4164, 0.3692
Android (android.graphics.Color)	4292975738 (0xFFE19C7A)
YUV	172.7550, -25.0222, 45.8189
Hunter-Lab	64.1791, 16.8842, 22.8328

# Details

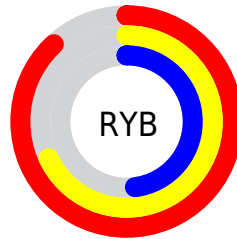
The Hex color **E19C7A** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7ABFE1**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFD3AF**, and **A76849** is the 20% darker color. If you saturate the color by 10%, you get **E18D64**, and if you desaturate by 10%, it is **E1AB91**.

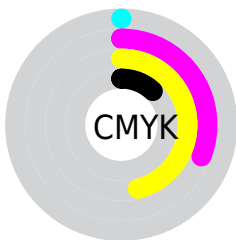
# Distribution



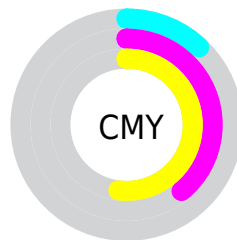
- Red (88%)
- Green (61%)
- Blue (48%)



- Red (88%)
- Yellow (68%)
- Blue (48%)



- Cyan (0%)
- Magenta (31%)
- Yellow (46%)
- Black (12%)



- Cyan (12%)
- Magenta (39%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E19C7A 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 E19C7A by changing the saturation by 10% instead.



 E19C7A

 E19C7A

FFFFFF

 C48261

 FFD3AF

 A76849

 FFEFCA

 8B5032

 FFFFEE

 6F381C

 552204

 3A0C00

 240001

 000000

 E19C7A

 E19C7A

 E18D64

 E1AB91

 E17E4D

 E1BAA7

 E16F37

 E1C9BE

 E16020

 E1D8D4

 E1510A

 E1E7EB

 E14A00

 E1F6FF

 E1FFFF

# Harmonies

## Analogous

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



EC9495



E19C7A



C9A76C

# Triad

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



E19C7A



5BBDA2



A4A7E8

# Complementary

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



E19C7A



7ABFE1

# 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.



70B2EB



E19C7A



36BDC3

# Square

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



E19C7A



84B983



3FB9DE



CD9BD4

# Rectangle

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



E19C7A



B5AE6C



3FB9DE



94ABEB

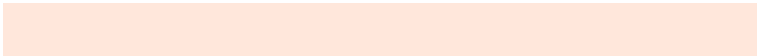


# Sweetspot

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



E19C7A



FFE7DB



E17AC0



80716A



000000



808080



# Same Dimension

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



E19C7A



FFA173



E1CE7A



706965



B03A00



301000

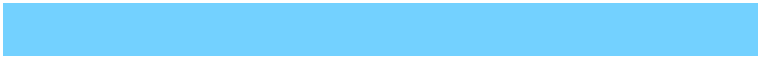


# Inverse Universe

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



7ABFE1



73D1FF



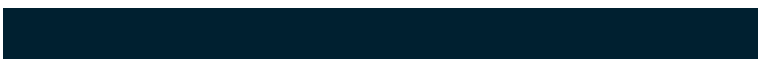
7A8DE1



656C70



0076B0



002030



# Previews

## White Background



This preview shows how the Hex color E19C7A looks on a white background.

## Color Contrast Check

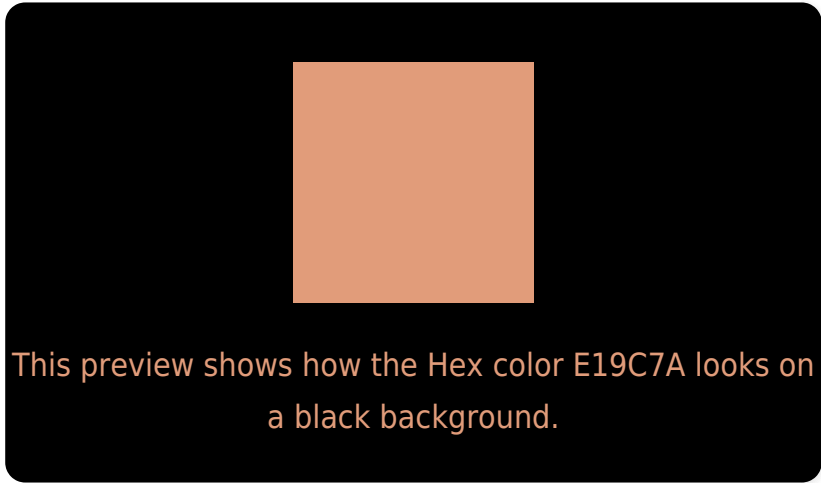
Large Text (above 18pt) WCAG AA × Fail

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

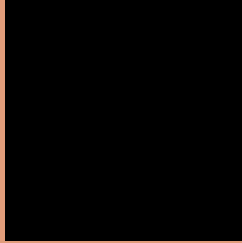
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E19C7A Background



This preview shows how black text looks on a background with the Hex color E19C7A.

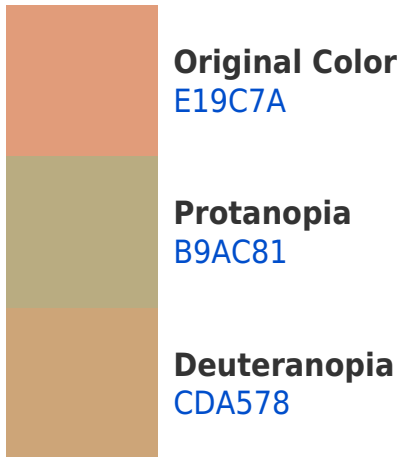


This preview shows how white text looks on a background with the Hex color E19C7A.

# 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](#).

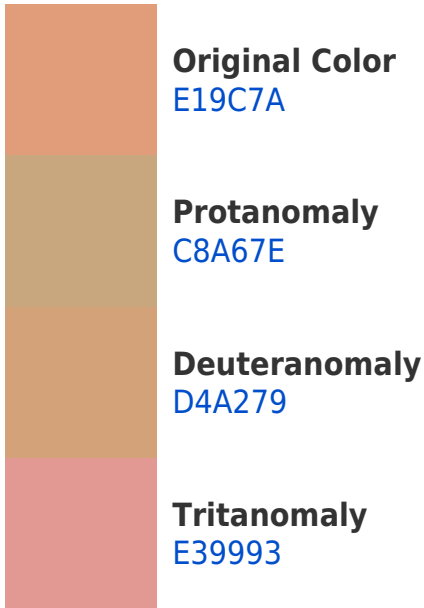
## Dichromacy



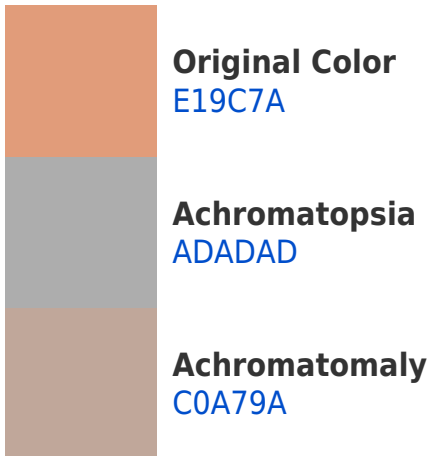


**Tritanopia**  
E497A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E19C7A 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 #E19C7A looks like.

```
.text, #text, p{  
    color:#E19C7A  
}
```

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 #E19C7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E19C7A
}
```

## Border

The CSS property to change the border of an element to Hex E19C7A 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
#E19C7A }
```

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

```
.border{ border-color:#E19C7A }
```

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

Here you see how a box with a 4 pixel #E19C7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E19C7A; -webkit-box-shadow:4px 4px  
4px 4px #E19C7A; box-shadow:4px 4px 4px  
4px #E19C7A }
```

# Background

The CSS property to change the background color of an element to Hex E19C7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E19C7A }
```

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

```
.background{ background-color:#E19C7A }
```

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