

# Converting Colors

Hex(E99A7D)

Have a look what the booklet for  
Hex(E99A7D) contains.

<b>Hex(E99A7D)</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(E99A7D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E99A7D
RGB	233, 154, 125
RGB Percent	91%, 60%, 49%
CMY	0.0863, 0.3961, 0.5098
CMYK	0.00, 0.34, 0.46, 0.09
HSL	16°, 71%, 70%
HSV	16°, 46%, 91%
XYZ	48.8615, 41.9155, 24.9173
YIQ	174.3150, 56.3930, 7.7290

# Conversions

## Conversions Part 2

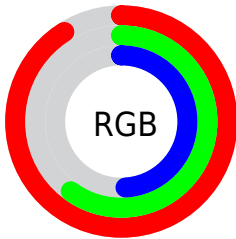
Format	Color
R <sub>Y</sub> B	233, 165, 125
Decimal	15309437
CIE Lab	70.81, 26.35, 27.34
CIE LCh	71, 37.973, 46.063
Yxy	41.9155, 0.4223, 0.3623
Android (android.graphics.Color)	4293499517 (0xFFE99A7D)
YUV	174.3150, -24.3123, 51.4667
Hunter-Lab	64.7422, 21.4168, 22.5007

# Details

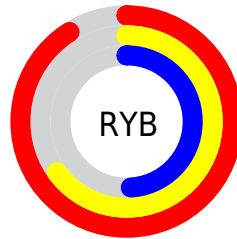
The Hex color **E99A7D** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7DCCE9**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFD1B2**, and **AE664C** is the 20% darker color. If you saturate the color by 10%, you get **E98966**, and if you desaturate by 10%, it is **E9AB94**.

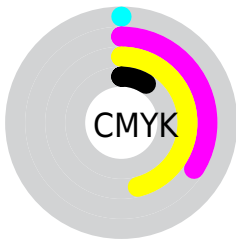
# Distribution



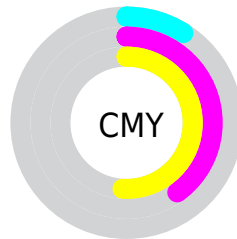
- Red (91%)
- Green (60%)
- Blue (49%)



- Red (91%)
- Yellow (65%)
- Blue (49%)



- Cyan (0%)
- Magenta (34%)
- Yellow (46%)
- Black (9%)



- Cyan (9%)
- Magenta (40%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E99A7D 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 E99A7D by changing the saturation by 10% instead.



 E99A7D

 E99A7D

FFFFFF

 CB8064

 FFD1B2

 AE664C

 FFEDCD

 924E35

 FFFFEA

 76361F

 5B1F08

 400700

 290001

 000000

 E99A7D

 E99A7D

 E98966

 E9AB94

 E9784E

 E9BCAC

 E96737

 E9CDC3

 E95620

 E9DEDA

 E94509

 E9EFF2

 E93F00

 E9FFFF

# Harmonies

## Analogous

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



F1939C



E99A7D



D2A66A

# Triad

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



E99A7D



5FBF9B



99AAEF

# Complementary

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



E99A7D



7DCCE9

# 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.



5FB5F0



E99A7D



2DC0BF

# Square

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



E99A7D



8BBA7C



22BDDE



C89EDD

# Rectangle

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



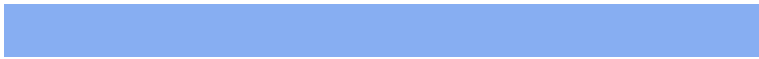
E99A7D



BDAD68



22BDDE



87AEF2

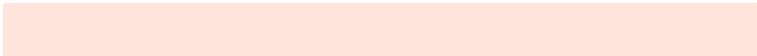


# Sweetspot

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



E99A7D



FFE5DB



E97DCC



80706A



000000



808080



# Same Dimension

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



E99A7D



FF9770



E9D07D



756D6A



B53100



360E00



# Inverse Universe

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



7DCCE9



70D9FF



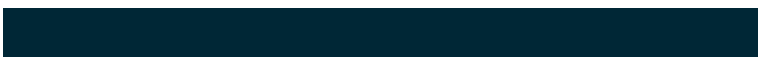
7D96E9



6A7275



0084B5



002736



# Previews

## White Background



This preview shows how the Hex color E99A7D looks on a white background.

## Color Contrast Check

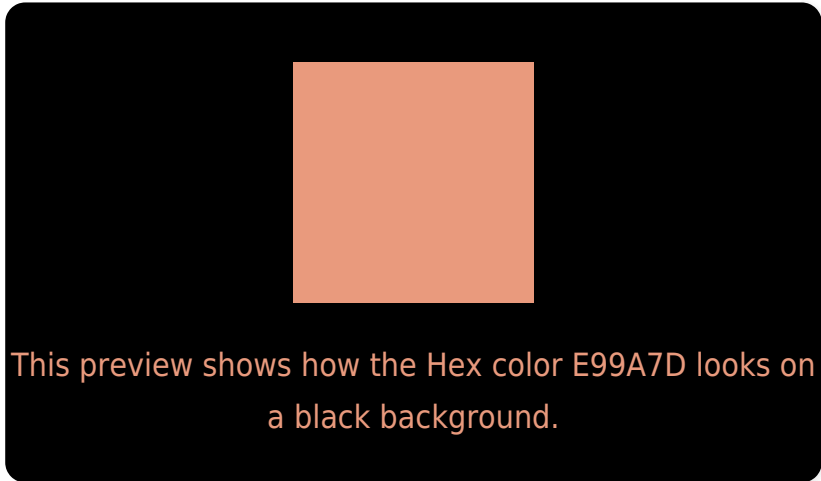
Large Text (above 18pt) WCAG AA × Fail

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

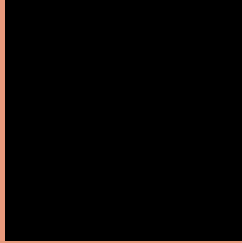
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E99A7D Background



This preview shows how black text looks on a background with the Hex color E99A7D.

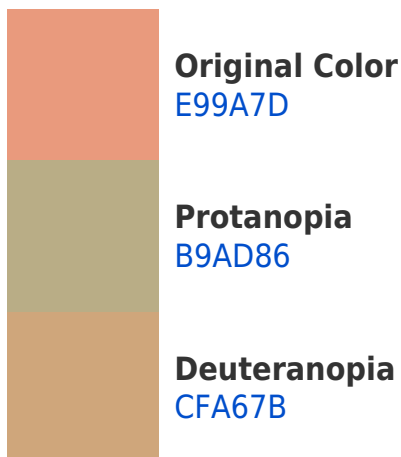


This preview shows how white text looks on a background with the Hex color E99A7D.

# 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](#).

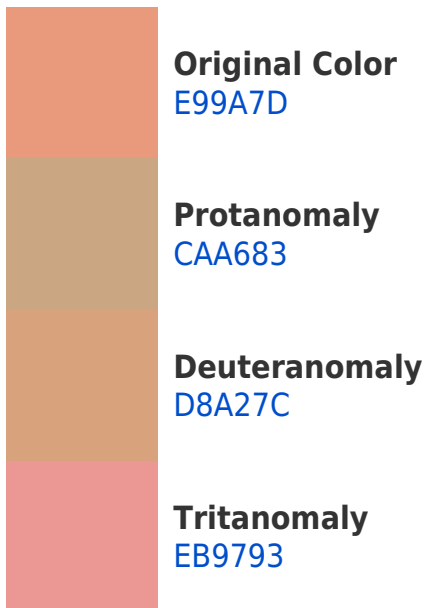
## Dichromacy





**Tritanopia**  
EC95A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E99A7D 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 #E99A7D looks like.

```
.text, #text, p{  
    color:#E99A7D  
}
```

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 #E99A7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E99A7D
}
```

## Border

The CSS property to change the border of an element to Hex E99A7D 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
#E99A7D }
```

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

```
.border{ border-color:#E99A7D }
```

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

Here you see how a box with a 4 pixel #E99A7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E99A7D; -webkit-box-shadow:4px 4px  
4px 4px #E99A7D; box-shadow:4px 4px 4px  
4px #E99A7D }
```

# Background

The CSS property to change the background color of an element to Hex E99A7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E99A7D }
```

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

```
.background{ background-color:#E99A7D }
```

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