

# Converting Colors

Hex(E99C86)

Have a look what the booklet for  
Hex(E99C86) contains.

<b>Hex(E99C86)</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(E99C86)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E99C86
RGB	233, 156, 134
RGB Percent	91%, 61%, 53%
CMY	0.0863, 0.3882, 0.4745
CMYK	0.00, 0.33, 0.42, 0.09
HSL	13°, 69%, 72%
HSV	13°, 42%, 91%
XYZ	49.7958, 42.8218, 28.1952
YIQ	176.5150, 52.9540, 9.4820

# Conversions

## Conversions Part 2

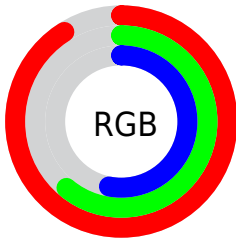
Format	Color
R <sub>Y</sub> B	233, 162, 134
Decimal	15309958
CIE Lab	71.43, 26.21, 23.27
CIE LCh	71, 35.047, 41.603
Yxy	42.8218, 0.4122, 0.3544
Android (android.graphics.Color)	4293500038 (0xFFE99C86)
YUV	176.5150, -20.9599, 49.5373
Hunter-Lab	65.4384, 21.3138, 20.2608

# Details

The Hex color **E99C86** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86D3E9**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFD3BB**, and **AF6854** is the 20% darker color. If you saturate the color by 10%, you get **E98A6F**, and if you desaturate by 10%, it is **E9AE9D**.

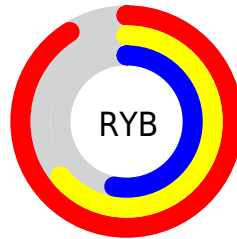
# Distribution



Red (91%)

Green (61%)

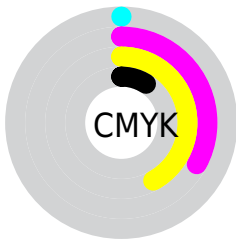
Blue (53%)



Red (91%)

Yellow (64%)

Blue (53%)

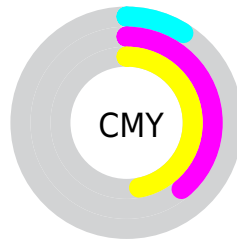


Cyan (0%)

Magenta (33%)

Yellow (42%)

Black (9%)



Cyan (9%)

Magenta (39%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E99C86 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 E99C86 by changing the saturation by 10% instead.



 E99C86

 E99C86

FFFFFF

 CC826D

 FFD3BB

 AF6854

 FFEFD7

 924F3D

 FFFFF4

 773827

 5C2112

 420900

 2A0000

 000000

 E99C86

 E99C86

 E98A6F

 E9AE9D

 E97857

 E9C0B5

 E96640

 E9D2CC

 E95429

 E9E4E3

 E94111

 E9F7FB

 E93400

 E9FFFF

# Harmonies

## Analogous

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



EE97A4



E99C86



D6A673

# Triad

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



E99C86



6EBF9A



96AEED

# Complementary

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



E99C86



86D3E9

# 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.



63B8EB



E99C86



48C0BB

# Square

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



E99C86



95BA7E



3DBED8



C3A2DF

# Rectangle

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



E99C86



C3AE6F



3DBED8



85B1EE

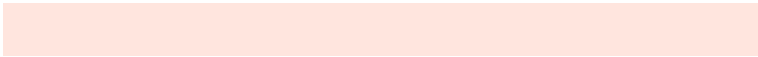


# Sweetspot

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



E99C86



FFE5DE



E986D4



80706B



000000



808080



# Same Dimension

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



E99C86



FF9A7D



E9CD86



756C6A



B52800



360C00

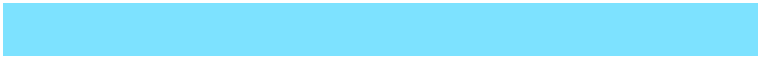


# Inverse Universe

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



86D3E9



7DE2FF



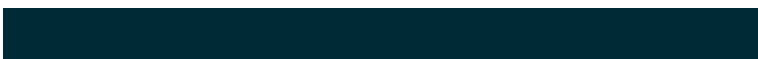
86A2E9



6A7375



008DB5



002A36



# Previews

## White Background



This preview shows how the Hex color E99C86 looks on a white background.

## Color Contrast Check

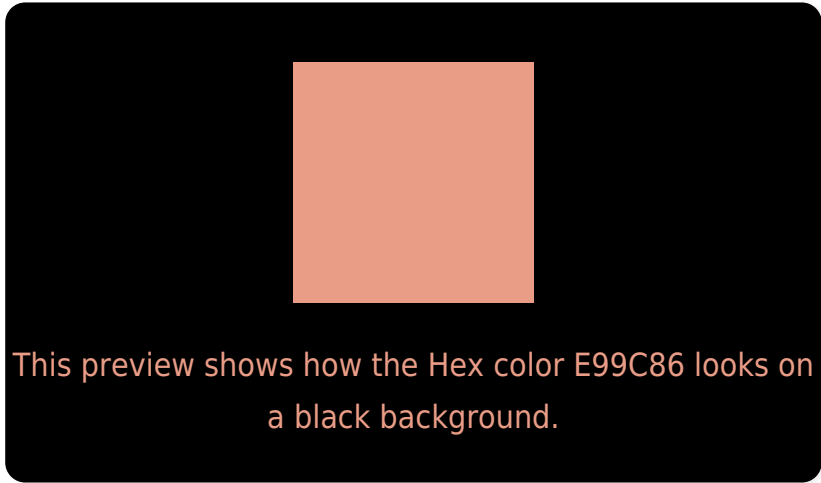
Large Text (above 18pt) WCAG AA × Fail

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

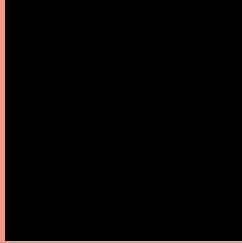
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E99C86 Background



This preview shows how black text looks on a background with the Hex color E99C86.

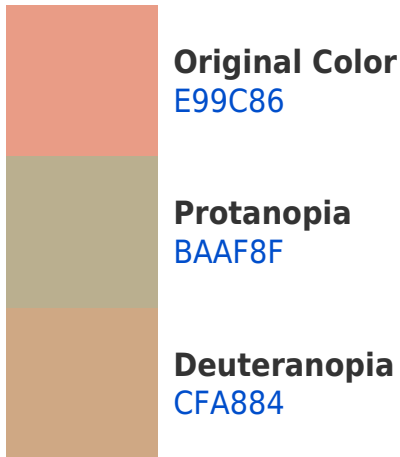


This preview shows how white text looks on a background with the Hex color E99C86.

# 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**  
EC98A3

# Trichromacy



**Original Color**  
E99C86

**Protanomaly**  
CBA88C

**Deuteranomaly**  
D8A485

**Tritanomaly**  
EB9998

# Monochromacy



**Original Color**  
E99C86

**Achromatopsia**  
B1B1B1

**Achromatomaly**  
C5A9A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E99C86 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 #E99C86 looks like.

```
.text, #text, p{  
    color:#E99C86  
}
```

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 #E99C86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E99C86
}
```

## Border

The CSS property to change the border of an element to Hex E99C86 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
#E99C86 }
```

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

```
.border{ border-color:#E99C86 }
```

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

Here you see how a box with a 4 pixel #E99C86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E99C86; -webkit-box-shadow:4px 4px  
4px 4px #E99C86; box-shadow:4px 4px 4px  
4px #E99C86 }
```

# Background

The CSS property to change the background color of an element to Hex E99C86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E99C86 }
```

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

```
.background{ background-color:#E99C86 }
```

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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