

# Converting Colors

Hex(E9C896)

Have a look what the booklet for  
Hex(E9C896) contains.

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**Color**

**Hex(E9C896)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9C896
RGB	233, 200, 150
RGB Percent	91%, 78%, 59%
CMY	0.0863, 0.2157, 0.4118
CMYK	0.00, 0.14, 0.36, 0.09
HSL	36°, 65%, 75%
HSV	36°, 36%, 91%
XYZ	59.7636, 60.8342, 37.4465
YIQ	204.1670, 35.7180, -8.5540

# Conversions

## Conversions Part 2

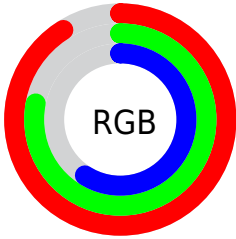
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 233, 150
Decimal	15321238
CIE <sub>Lab</sub>	82.29, 4.69, 29.34
CIE <sub>LCh</sub>	82, 29.713, 80.914
Yxy	60.8342, 0.3781, 0.3849
Android (android.graphics.Color)	4293511318 (0xFFE9C896)
YUV	204.1670, -26.7043, 25.2865
Hunter-Lab	77.9963, 0.2797, 26.1319

# Details

The Hex color **E9C896** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **96B7E9**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFCD**, and **B09263** is the 20% darker color. If you saturate the color by 10%, you get **E9BF7F**, and if you desaturate by 10%, it is **E9D1AD**.

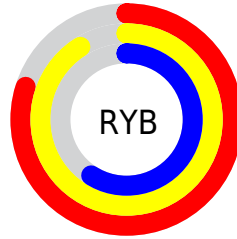
# Distribution



Red (91%)

Green (78%)

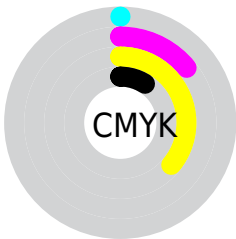
Blue (59%)



Red (80%)

Yellow (91%)

Blue (59%)

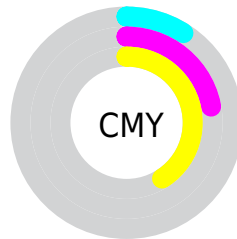


Cyan (0%)

Magenta (14%)

Yellow (36%)

Black (9%)



Cyan (9%)

Magenta (22%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9C896 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 E9C896 by changing the saturation by 10% instead.



 E9C896

 E9C896

FFFFFF

 CCAD7C

 FFFFCF

 B09263

 FFFFEE

 95794A

 7A6033

 60481C

 463205

 2E1D00

 150400

 000000

 E9C896

 E9C896

 E9BF7F

 E9D1AD

 E9B567

 E9DBC5

 E9AC50

 E9E4DC

 E9A339

 E9EDF3

 E99A22

 E9F6FF

 E9900A

 E9FFFF

 E98C00

# Harmonies

## Analogous

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



FDBFA3



E9C896



CDD198

# Triad

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



E9C896



7BDCE0



E8BFF0

# Complementary

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



E9C896



96B7E9

# 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.



C6C9FF



E9C896



80D9F7

# Square

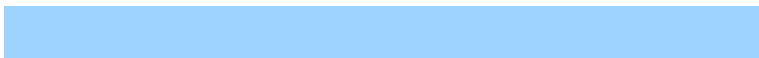
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E9C896



8EDCC3



9ED2FF



FFB9D6

# Rectangle

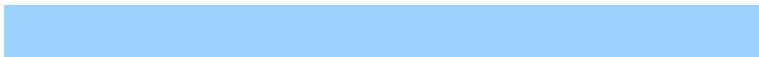
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E9C896



B8D6A2



9ED2FF



DEC2F7

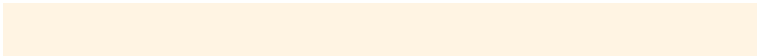


# Sweetspot

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



E9C896



FFF4E3



E996B7



80796F



000000



808080



# Same Dimension

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



E9C896



FFD391



E1E996



75716A



B56D00



362000



# Inverse Universe

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



96B7E9



91BDFF



9E96E9



6A6E75



0048B5

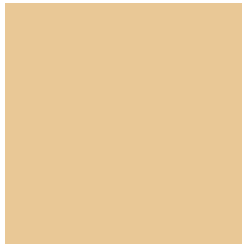


001536



# Previews

## White Background



This preview shows how the Hex color E9C896 looks on a white background.

## Color Contrast Check

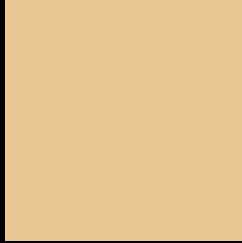
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color E9C896 looks on a 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 E9C896 Background



This preview shows how black text looks on a background with the Hex color E9C896.

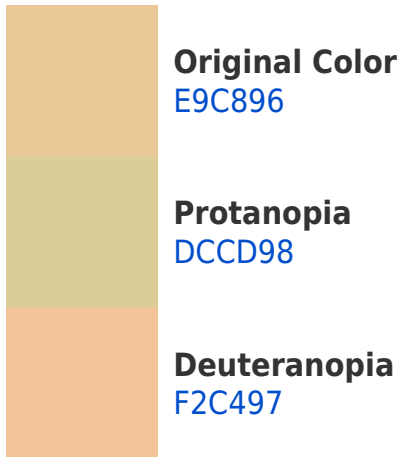


This preview shows how white text looks on a background with the Hex color E9C896.

# Color Blindness Simulation

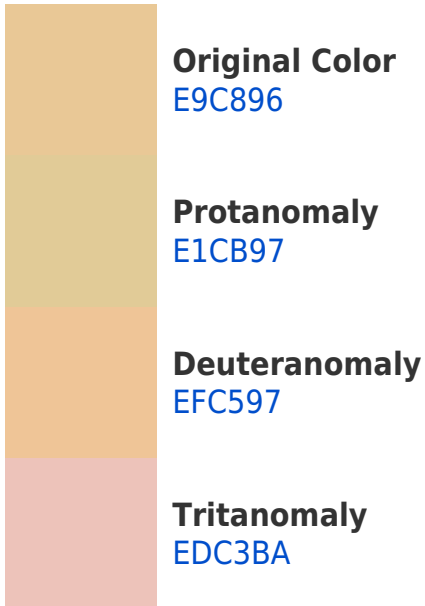
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

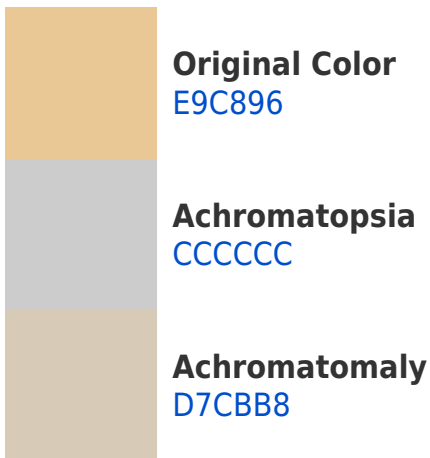




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9C896 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 #E9C896 looks like.

```
.text, #text, p{  
    color:#E9C896  
}
```

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 #E9C896 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9C896
}
```

## Border

The CSS property to change the border of an element to Hex E9C896 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
#E9C896 }
```

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

```
.border{ border-color:#E9C896 }
```

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

Here you see how a box with a 4 pixel #E9C896 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9C896; -webkit-box-shadow:4px 4px  
4px 4px #E9C896; box-shadow:4px 4px 4px  
4px #E9C896 }
```

# Background

The CSS property to change the background color of an element to Hex E9C896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9C896 }
```

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

```
.background{ background-color:#E9C896 }
```

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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