

# Converting Colors

Hex(E9CB9C)

Have a look what the booklet for  
Hex(E9CB9C) contains.

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# **Color**

**Hex(E9CB9C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9CB9C
RGB	233, 203, 156
RGB Percent	91%, 80%, 61%
CMY	0.0863, 0.2039, 0.3882
CMYK	0.00, 0.13, 0.33, 0.09
HSL	37°, 64%, 76%
HSV	37°, 33%, 91%
XYZ	60.9610, 62.4358, 40.2908
YIQ	206.6120, 32.9670, -8.2570

# Conversions

## Conversions Part 2

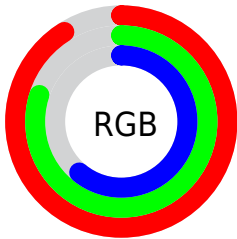
Format	Color
R <sub>Y</sub> B	205, 233, 156
Decimal	15322012
CIE Lab	83.14, 3.85, 27.35
CIE LCh	83, 27.622, 81.992
Yxy	62.4358, 0.3724, 0.3814
Android (android.graphics.Color)	4293512092 (0xFFE9CB9C)
YUV	206.6120, -24.9517, 23.1423
Hunter-Lab	79.0163, -0.5662, 25.0792

# Details

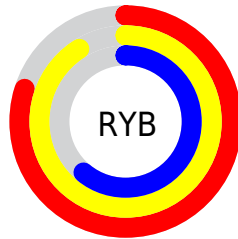
The Hex color **E9CB9C** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **9CBAE9**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFFD3**, and **B09568** is the 20% darker color. If you saturate the color by 10%, you get **E9C285**, and if you desaturate by 10%, it is **E9D4B3**.

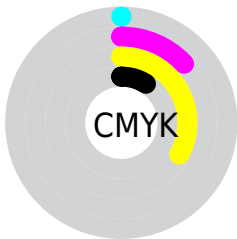
# Distribution



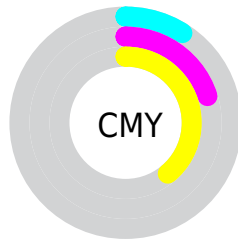
- Red (91%)
- Green (80%)
- Blue (61%)



- Red (80%)
- Yellow (91%)
- Blue (61%)



- Cyan (0%)
- Magenta (13%)
- Yellow (33%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9CB9C 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 E9CB9C by changing the saturation by 10% instead.



 E9CB9C

 E9CB9C

FFFFFF

 CCB082

 FFFFD3

 B09568

 FFFFEF

 957B50

 7A6238

 604B22

 47340C

 301F00

 170800

 000000

 E9CB9C

 E9CB9C

 E9C285

 E9D4B3

 E9B96D

 E9DDCB

 E9B056

 E9E6E2

 E9A73F

 E9EFF9

 E99E27

 E9F8FF

 E99510

 E9FFFF

 E98E00

# Harmonies

## Analogous

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



FCC3A7



E9CB9C



CED39F

# Triad

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



E9CB9C



85DEE2



EAC2EF

# Complementary

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



E9CB9C



9CBAE9

# 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.



CACBFF



E9CB9C



8BDAF7

# Square

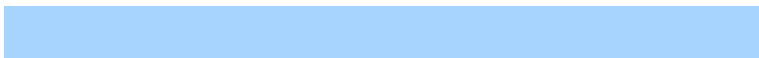
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E9CB9C



95DDC7



A6D4FF



FEBDD7

# Rectangle

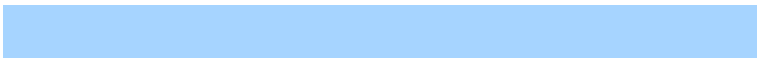
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E9CB9C



BAD8A8



A6D4FF



E0C5F6



# Sweetspot

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



E9CB9C



FFF5E6



E99CBB



807A70



000000



808080



# Same Dimension

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



E9CB9C



FFD799



E1E99C



75716A



B56F00



362100



# Inverse Universe

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



9CBAE9



99C1FF



A49CE9



6A6E75



0047B5

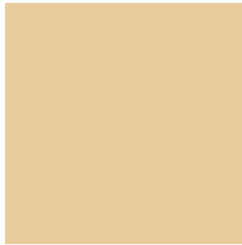


001536



# Previews

## White Background



This preview shows how the Hex color E9CB9C looks on a white background.

## Color Contrast Check

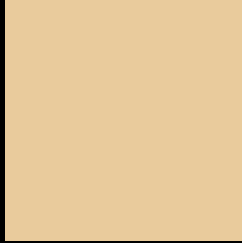
Large Text (above 18pt) WCAG AA × Fail

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 E9CB9C 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 E9CB9C Background



This preview shows how black text looks on a background with the Hex color E9CB9C.

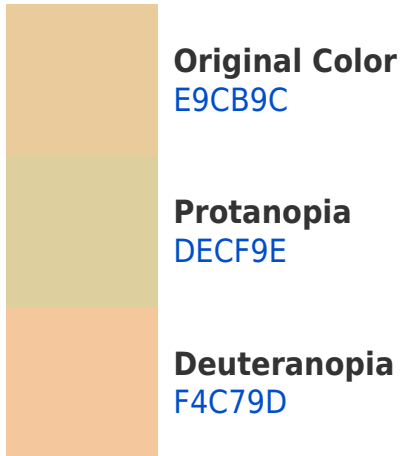


This preview shows how white text looks on a background with the Hex color E9CB9C.

# 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](#).

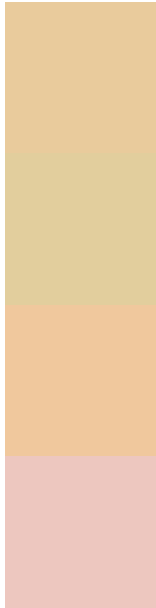
## Dichromacy





**Tritanopia**  
EFC4D3

# Trichromacy



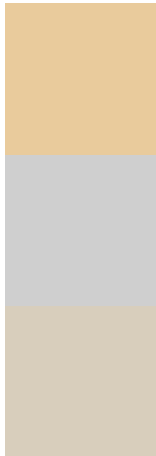
**Original Color**  
E9CB9C

**Protanomaly**  
E2CE9D

**Deuteranomaly**  
F0C89D

**Tritanomaly**  
EDC7BF

# Monochromacy



**Original Color**  
E9CB9C

**Achromatopsia**  
CFCFCF

**Achromatomaly**  
D8CEBC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9CB9C 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 #E9CB9C looks like.

```
.text, #text, p{  
    color:#E9CB9C  
}
```

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 #E9CB9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9CB9C
}
```

## Border

The CSS property to change the border of an element to Hex E9CB9C 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
#E9CB9C }
```

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

```
.border{ border-color:#E9CB9C }
```

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

Here you see how a box with a 4 pixel #E9CB9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9CB9C; -webkit-box-shadow:4px 4px  
4px 4px #E9CB9C; box-shadow:4px 4px 4px  
4px #E9CB9C }
```

# Background

The CSS property to change the background color of an element to Hex E9CB9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9CB9C }
```

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

```
.background{ background-color:#E9CB9C }
```

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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