

# Converting Colors

Hex(ECC09C)

Have a look what the booklet for  
Hex(ECC09C) contains.

<b>Hex(ECC09C)</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(ECC09C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECC09C
RGB	236, 192, 156
RGB Percent	93%, 75%, 61%
CMY	0.0745, 0.2471, 0.3882
CMYK	0.00, 0.19, 0.34, 0.07
HSL	27°, 68%, 77%
HSV	27°, 34%, 93%
XYZ	59.4425, 57.9324, 39.5016
YIQ	201.0520, 37.7800, -1.8680

# Conversions

## Conversions Part 2

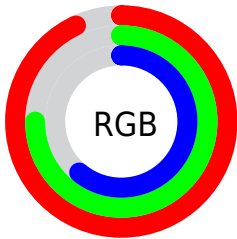
Format	Color
R <sub>Y</sub> B	236, 221, 156
Decimal	15515804
CIE Lab	80.70, 10.77, 24.08
CIE LCh	81, 26.382, 65.907
Yxy	57.9324, 0.3789, 0.3693
Android (android.graphics.Color)	4293705884 (0xFFECC09C)
YUV	201.0520, -22.2106, 30.6494
Hunter-Lab	76.1134, 6.2052, 22.5088

# Details

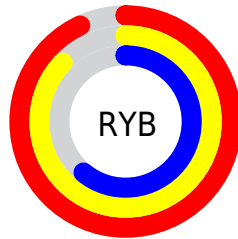
The Hex color **ECC09C** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **9CC8EC**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFF8D3**, and **B38B69** is the 20% darker color. If you saturate the color by 10%, you get **ECB384**, and if you desaturate by 10%, it is **ECCDB4**.

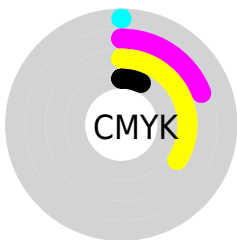
# Distribution



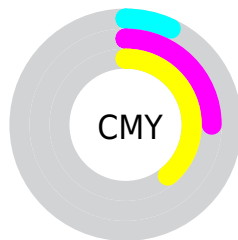
- Red (93%)
- Green (75%)
- Blue (61%)



- Red (93%)
- Yellow (87%)
- Blue (61%)



- Cyan (0%)
- Magenta (19%)
- Yellow (34%)
- Black (7%)



- Cyan (7%)
- Magenta (25%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECC09C 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 ECC09C by changing the saturation by 10% instead.



 ECC09C

 ECC09C

FFFFFF

 CFA582

 FFF8D3

 B38B69


 FFFFEF

 977150

 7C5939

 624123

 492B0D

 311600

 190000

 000000

 ECC09C

 ECC09C

 ECB384

 ECCDB4

 ECA66D

 ECDACB

 EC9955

 ECE7E3

 EC8C3E

 ECF4FA

 EC7F26

 ECFFFF

 EC720E

 EC6A00

# Harmonies

## Analogous

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



F9B9AD



ECC09C



D6C897

# Triad

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



ECC09C



88D6CC



D3C0F0

# Complementary

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



ECC09C



9CC8EC

# 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.



B1C9F9



ECC09C



82D5E4

# Square

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



ECC09C



9FD4B3



92D0F5



ECB9DD

# Rectangle

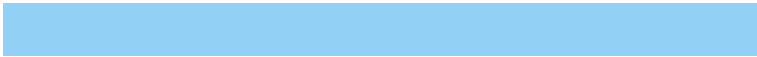
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ECC09C



C4CD9C



92D0F5



C8C3F5



# Sweetspot

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



ECC09C



FFF1E6



EC9CC8



807770



000000



808080



# Same Dimension

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



ECC09C



FFC596



ECE79C



756F6A



B55100



361800

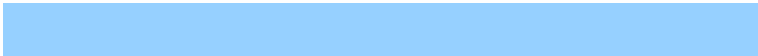


# Inverse Universe

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



9CC8EC



96D0FF



9CA0EC



6A7075



0064B5



001D36



# Previews

## White Background



This preview shows how the Hex color ECC09C looks on a white background.

## Color Contrast Check

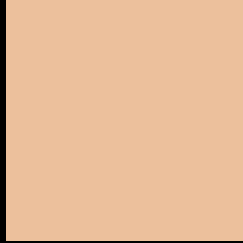
Large Text (above 18pt) WCAG AA × Fail

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 ECC09C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

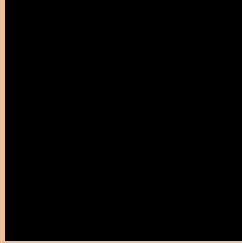
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ECC09C Background



This preview shows how black text looks on a background with the Hex color ECC09C.

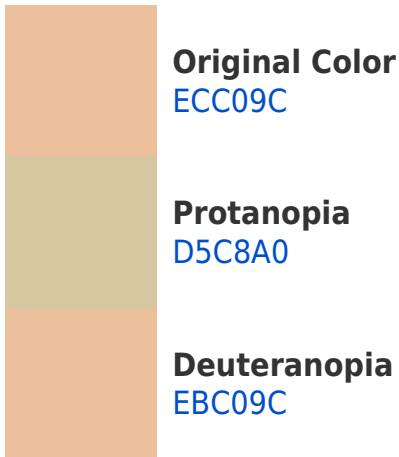



This preview shows how white text looks on a background with the Hex color ECC09C.

# 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](#).

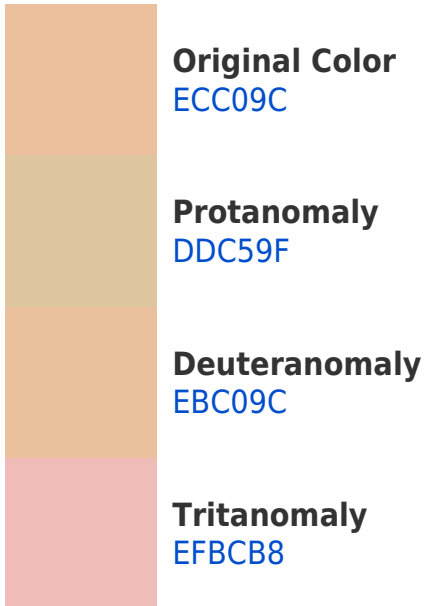
## Dichromacy





**Tritanopia**  
F1BAC8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECC09C 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 #ECC09C looks like.

```
.text, #text, p{  
    color:#ECC09C  
}
```

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 #ECC09C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECC09C
}
```

## Border

The CSS property to change the border of an element to Hex ECC09C 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
#ECC09C }
```

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

```
.border{ border-color:#ECC09C }
```

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

Here you see how a box with a 4 pixel #ECC09C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECC09C; -webkit-box-shadow:4px 4px  
4px 4px #ECC09C; box-shadow:4px 4px 4px  
4px #ECC09C }
```

# Background

The CSS property to change the background color of an element to Hex ECC09C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECC09C }
```

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

```
.background{ background-color:#ECC09C }
```

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