

# Converting Colors

Hex(ECA09C)

Have a look what the booklet for  
Hex(ECA09C) contains.

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# **Color**

**Hex(ECA09C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECA09C
RGB	236, 160, 156
RGB Percent	93%, 63%, 61%
CMY	0.0745, 0.3725, 0.3882
CMYK	0.00, 0.32, 0.34, 0.07
HSL	3°, 68%, 77%
HSV	3°, 34%, 93%
XYZ	53.1636, 45.3748, 37.4087
YIQ	182.2680, 46.5800, 14.8680

# Conversions

## Conversions Part 2

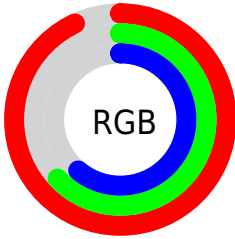
Format	Color
R <sub>Y</sub> B	236, 160, 156
Decimal	15507612
CIE Lab	73.14, 27.75, 13.61
CIE LCh	73, 30.908, 26.123
Yxy	45.3748, 0.3911, 0.3338
Android (android.graphics.Color)	4293697692 (0xFFECA09C)
YUV	182.2680, -12.9501, 47.1230
Hunter-Lab	67.3608, 22.9974, 14.2260

# Details

The Hex color **ECA09C** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **9CE8EC**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFD7D2**, and **B26C69** is the 20% darker color. If you saturate the color by 10%, you get **EC8A84**, and if you desaturate by 10%, it is **ECB6B4**.

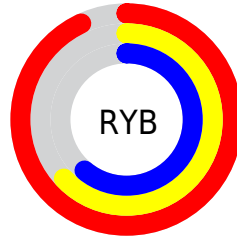
# Distribution



Red (93%)

Green (63%)

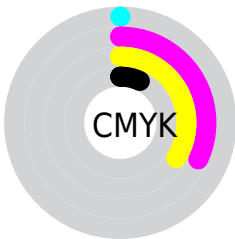
Blue (61%)



Red (93%)

Yellow (63%)

Blue (61%)

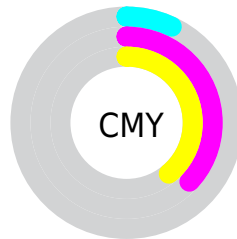


Cyan (0%)

Magenta (32%)

Yellow (34%)

Black (7%)



Cyan (7%)

Magenta (37%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECA09C 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 ECA09C by changing the saturation by 10% instead.



 ECA09C

 ECA09C

FFFFFF

 CF8582

 FFD7D2

 B26C69

 FFF4EF

 965351

 7B3B3A

 602324

 460B0F

 2E0000

 000000

 ECA09C

 ECA09C

 EC8A84

 ECB6B4

 EC736D

 ECCDCB

 EC5D55

 ECE3E3

 EC463E

 ECFAFA

 EC3026

 ECFFFF

 EC190E

 EC0C00

# Harmonies

## Analogous

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



E89FB8



ECA09C



E1A786

# Triad

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



ECA09C



8DC093



89B7EC

# Complementary

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



ECA09C



9CE8EC

# 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.



65BFE2



ECA09C



6DC3AF

# Square

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



ECA09C



AEB980



59C3CB



B3AEE6

# Rectangle

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



ECA09C



D3AD7D



59C3CB



7CBAEA

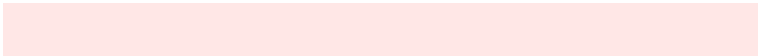


# Sweetspot

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



ECA09C



FFE7E6



EC9CE8



807170



000000



808080



# Same Dimension

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



ECA09C



FF9C96



ECC79C



756A6A



B50900



360300



# Inverse Universe

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



9CE8EC



96FAFF



9CC0EC



6A7575



00ACB5

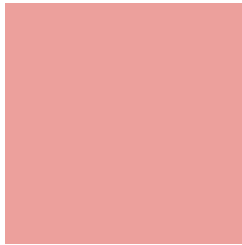


003336



# Previews

## White Background



This preview shows how the Hex color ECA09C looks on a white background.

## Color Contrast Check

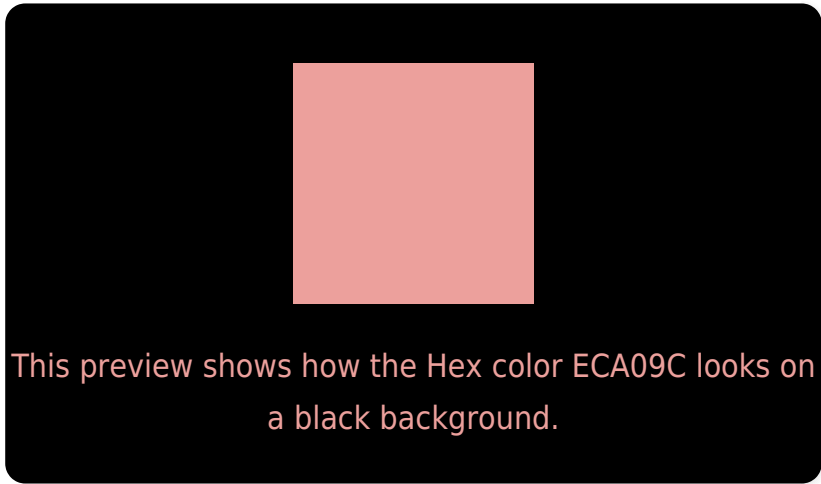
Large Text (above 18pt) WCAG AA × Fail

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 ECA09C Background



This preview shows how black text looks on a background with the Hex color ECA09C.

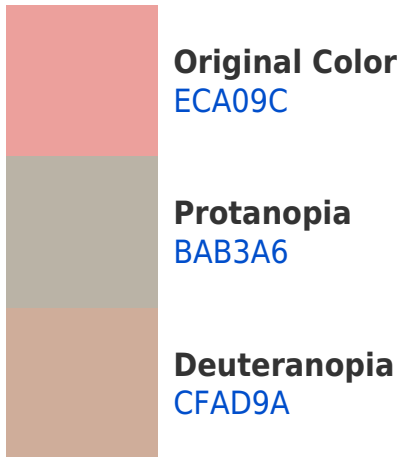


This preview shows how white text looks on a background with the Hex color ECA09C.

# 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](#).

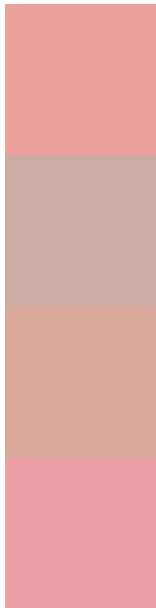
## Dichromacy





**Tritanopia**  
ED9EAA

# Trichromacy



**Original Color**  
ECA09C

**Protanomaly**  
CCACA2

**Deuteranomaly**  
DAA89B

**Tritanomaly**  
ED9FA5

# Monochromacy



**Original Color**  
ECA09C

**Achromatopsia**  
B6B6B6

**Achromatomaly**  
CAAEAD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECA09C 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 #ECA09C looks like.

```
.text, #text, p{  
    color:#ECA09C  
}
```

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 #ECA09C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECA09C
}
```

## Border

The CSS property to change the border of an element to Hex ECA09C 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
#ECA09C }
```

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

```
.border{ border-color:#ECA09C }
```

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

Here you see how a box with a 4 pixel #ECA09C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECA09C; -webkit-box-shadow:4px 4px  
4px 4px #ECA09C; box-shadow:4px 4px 4px  
4px #ECA09C }
```

# Background

The CSS property to change the background color of an element to Hex ECA09C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECA09C }
```

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

```
.background{ background-color:#ECA09C }
```

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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