

# Converting Colors

Hex(EC9A93)

Have a look what the booklet for  
Hex(EC9A93) contains.

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# **Color**

**Hex(EC9A93)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC9A93
RGB	236, 154, 147
RGB Percent	93%, 60%, 58%
CMY	0.0745, 0.3961, 0.4235
CMYK	0.00, 0.35, 0.38, 0.07
HSL	5°, 70%, 75%
HSV	5°, 38%, 93%
XYZ	51.4141, 43.0507, 33.2035
YIQ	177.7200, 51.1190, 15.2070

# Conversions

## Conversions Part 2

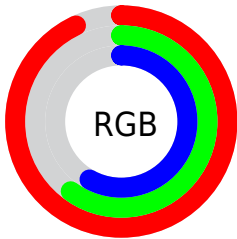
Format	Color
R <sub>Y</sub> B	236, 155, 147
Decimal	15506067
CIE Lab	71.59, 29.86, 16.40
CIE LCh	72, 34.063, 28.776
Yxy	43.0507, 0.4027, 0.3372
Android (android.graphics.Color)	4293696147 (0xFFEC9A93)
YUV	177.7200, -15.1450, 51.1116
Hunter-Lab	65.6130, 25.0493, 15.9253

# Details

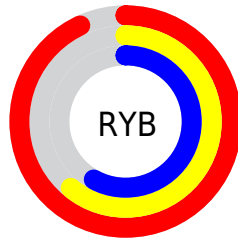
The Hex color **EC9A93** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93E5EC**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFD1C9**, and **B26660** is the 20% darker color. If you saturate the color by 10%, you get **EC847B**, and if you desaturate by 10%, it is **ECB0AB**.

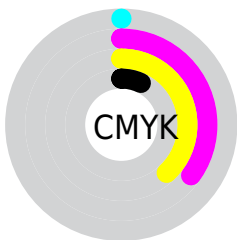
# Distribution



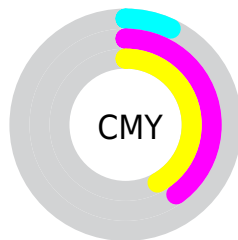
- Red (93%)
- Green (60%)
- Blue (58%)



- Red (93%)
- Yellow (61%)
- Blue (58%)



- Cyan (0%)
- Magenta (35%)
- Yellow (38%)
- Black (7%)



- Cyan (7%)
- Magenta (40%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC9A93 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 EC9A93 by changing the saturation by 10% instead.



 EC9A93

 EC9A93

FFFFFF

 CF8079

 FFD1C9

 B26660

 FFEED5

 964D49

 7A3532

 5F1D1D

 450404

 2D0000

 000000

 EC9A93

 EC9A93

 EC847B

 ECB0AB

 EC6F64

 ECC5C2

 EC594C

 ECDBDA

 EC4335

 ECF1F1

 EC2D1D

 ECFFFF

 EC1805

 EC1300

# Harmonies

## Analogous

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



EA98B2



EC9A93



DFA27B

# Triad

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



EC9A93



81BD8E



83B3ED

# Complementary

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



EC9A93



93E5EC

# 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.



55BBE4



EC9A93



5CC0AD

# Square

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



EC9A93



A5B678



43C0CC



B2A8E6

# Rectangle

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



EC9A93



CFA973



43C0CC



73B6EC

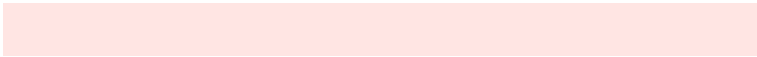


# Sweetspot

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



EC9A93



FFE5E3



EC93E6



80706F



000000



808080



# Same Dimension

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



EC9A93



FF958C



ECC593



756A6A



B50E00



360400



# Inverse Universe

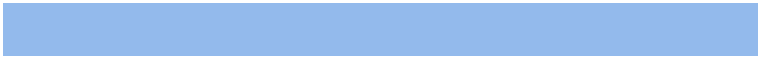
The Inverse Universe completely reimagines the original color for something new.



93E5EC



8CF6FF



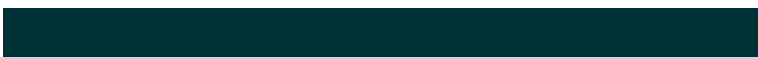
93BAEC



6A7475



00A7B5



003136



# Previews

## White Background



This preview shows how the Hex color EC9A93 looks on a white background.

## Color Contrast Check

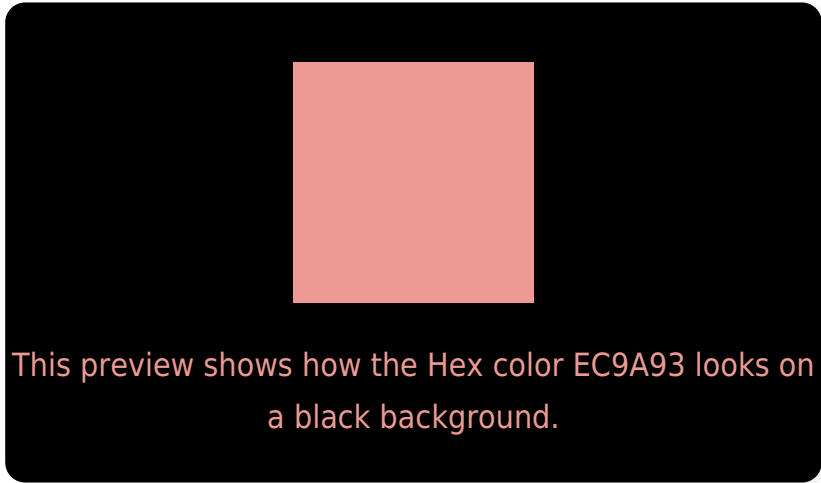
Large Text (above 18pt) WCAG AA × Fail

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 EC9A93 Background



This preview shows how black text looks on a background with the Hex color EC9A93.

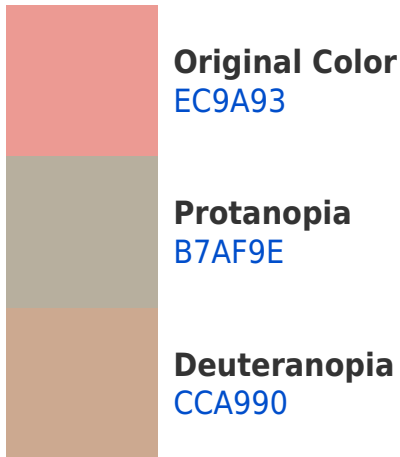


This preview shows how white text looks on a background with the Hex color EC9A93.

# 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**  
ED98A3

# Trichromacy



**Original Color**  
EC9A93



**Protanomaly**  
CAA79A



**Deuteranomaly**  
D8A491



**Tritanomaly**  
ED999D

# Monochromacy



**Original Color**  
EC9A93



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
C7A9A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC9A93 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 #EC9A93 looks like.

```
.text, #text, p{  
    color:#EC9A93  
}
```

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 #EC9A93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC9A93
}
```

## Border

The CSS property to change the border of an element to Hex EC9A93 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
#EC9A93 }
```

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

```
.border{ border-color:#EC9A93 }
```

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

Here you see how a box with a 4 pixel #EC9A93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC9A93; -webkit-box-shadow:4px 4px  
4px 4px #EC9A93; box-shadow:4px 4px 4px  
4px #EC9A93 }
```

# Background

The CSS property to change the background color of an element to Hex EC9A93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC9A93 }
```

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

```
.background{ background-color:#EC9A93 }
```

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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