

# Converting Colors

Hex(EC9895)

Have a look what the booklet for  
Hex(EC9895) contains.

<b>Hex(EC9895)</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(EC9895)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EC9895
RGB	236, 152, 149
RGB Percent	93%, 60%, 58%
CMY	0.0745, 0.4039, 0.4157
CMYK	0.00, 0.36, 0.37, 0.07
HSL	2°, 70%, 75%
HSV	2°, 37%, 93%
XYZ	51.2451, 42.4593, 33.9283
YIQ	176.7740, 51.0270, 16.8750

# Conversions

## Conversions Part 2

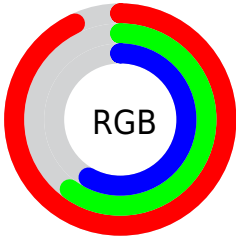
Format	Color
R <sub>Y</sub> B	236, 152, 149
Decimal	15505557
CIE Lab	71.19, 31.15, 14.73
CIE LCh	71, 34.454, 25.311
Yxy	42.4593, 0.4015, 0.3327
Android (android.graphics.Color)	4293695637 (0xFFEC9895)
YUV	176.7740, -13.6926, 51.9412
Hunter-Lab	65.1608, 26.3484, 14.7411

# Details

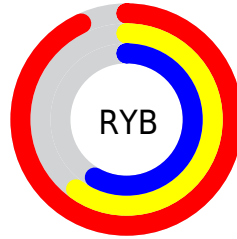
The Hex color **EC9895** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **95E9EC**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFCFCB**, and **B26462** is the 20% darker color. If you saturate the color by 10%, you get **EC817D**, and if you desaturate by 10%, it is **ECAFAD**.

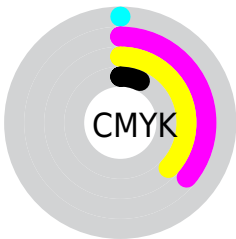
# Distribution



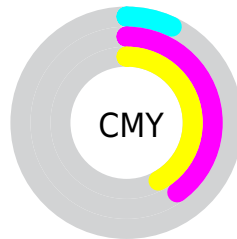
- Red (93%)
- Green (60%)
- Blue (58%)



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



- Cyan (0%)
- Magenta (36%)
- Yellow (37%)
- Black (7%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color EC9895 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 EC9895 by changing the saturation by 10% instead.



 EC9895

 EC9895

FFFFFF

 CF7E7B

 FFCFCB

 B26462

 FFECE7

 964B4B

 7A3334

 5F1B1F

 450107

 2D0001

 000000

 EC9895

 EC9895

 EC817D

 ECAFAD

 EC6A66

 ECC6C4

 EC544E

 ECDCDC

 EC3D37

 ECF3F3

 EC261F

 ECFFFF

 EC0F07

 EC0800

# Harmonies

## Analogous

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



E897B5



EC9895



E0A07C

# Triad

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



EC9895



84BC8A



7BB3EC

# Complementary

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



EC9895



95E9EC

# 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.



4DBBE1



EC9895



5DBFA8

# Square

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



EC9895



A8B475



40BFC8



ABA8E7

# Rectangle

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



EC9895



D1A772



40BFC8



6BB6EA

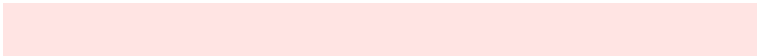


# Sweetspot

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



EC9895



FFE4E3



EC95E9



806F6F



000000



808080



# Same Dimension

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



EC9895



FF938F



ECC395



756A6A



B50600



360200



# Inverse Universe

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



95E9EC



8FFBFF



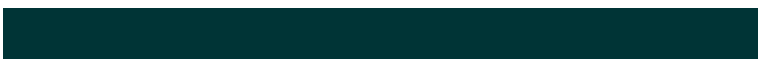
95BEEC



6A7575



00AFB5



003436



# Previews

## White Background



This preview shows how the Hex color EC9895 looks on a white background.

## Color Contrast Check

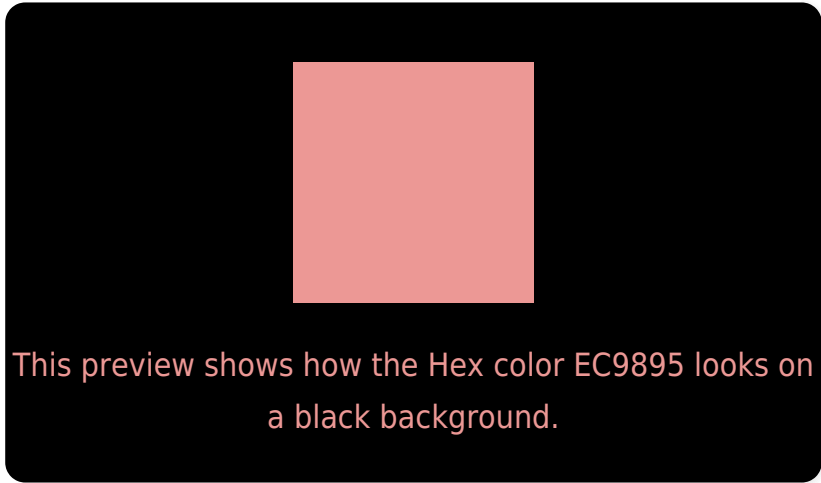
Large Text (above 18pt) WCAG AA × Fail

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 EC9895 Background



This preview shows how black text looks on a background with the Hex color EC9895.

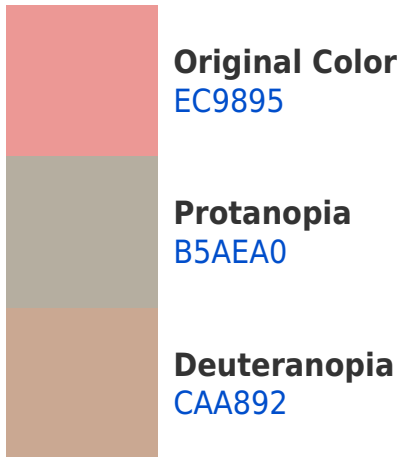


This preview shows how white text looks on a background with the Hex color EC9895.

# 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**  
ED96A1

# Trichromacy



**Original Color**  
EC9895



**Protanomaly**  
C9A69C



**Deuteranomaly**  
D6A293



**Tritanomaly**  
ED979D

# Monochromacy



**Original Color**  
EC9895



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
C6A8A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC9895 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 #EC9895 looks like.

```
.text, #text, p{  
    color:#EC9895  
}
```

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 #EC9895 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC9895
}
```

## Border

The CSS property to change the border of an element to Hex EC9895 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
#EC9895 }
```

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

```
.border{ border-color:#EC9895 }
```

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

Here you see how a box with a 4 pixel #EC9895 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC9895; -webkit-box-shadow:4px 4px  
4px 4px #EC9895; box-shadow:4px 4px 4px  
4px #EC9895 }
```

# Background

The CSS property to change the background color of an element to Hex EC9895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC9895 }
```

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

```
.background{ background-color:#EC9895 }
```

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