

Converting Colors

Hex(EC9B97)

Have a look what the booklet for
Hex(408080) contains.

Hex(408080)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EC9B97)

Conversions

Conversions Part 1

Format	Color
Hex	EC9B97
RGB	236, 155, 151
RGB Percent	93%, 61%, 59%
CMY	0.0745, 0.3922, 0.4078
CMYK	0.00, 0.34, 0.36, 0.07
HSL	3°, 69%, 76%
HSV	3°, 36%, 93%
XYZ	51.8993, 43.5099, 34.9410
YIQ	178.7630, 49.5600, 15.9280

Conversions

Conversions Part 2

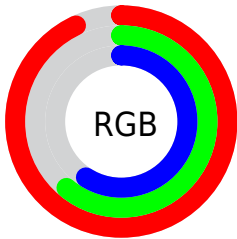
Format	Color
R _Y B	236, 155, 151
Decimal	15506327
CIE Lab	71.90, 29.80, 14.62
CIE LCh	72, 33.192, 26.142
Yxy	43.5099, 0.3982, 0.3338
Android (android.graphics.Color)	4293696407 (0xFFEC9B97)
YUV	178.7630, -13.6872, 50.1968
Hunter-Lab	65.9621, 25.0113, 14.7667

Details

The Hex color **EC9B97** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **97E8EC**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFD2CD**, and **B26764** is the 20% darker color. If you saturate the color by 10%, you get **EC857F**, and if you desaturate by 10%, it is **ECB1AF**.

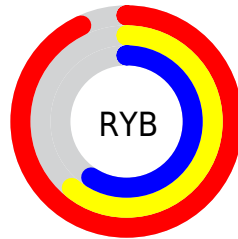
Distribution



Red (93%)

Green (61%)

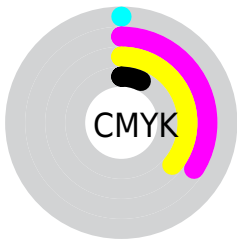
Blue (59%)



Red (93%)

Yellow (61%)

Blue (59%)

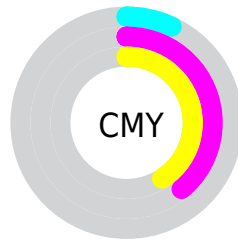


Cyan (0%)

Magenta (34%)

Yellow (36%)

Black (7%)



Cyan (7%)

Magenta (39%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC9B97 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 EC9B97 by changing the saturation by 10% instead.

 EC9B97

 EC9B97

FFFFFF

 CF817D

 FFD2CD

 B26764

 FFEFE9

 964E4C

 7A3636

 5F1E20

 45050A

 2E0000

 000000

 EC9B97

 EC9B97

 EC857F

 ECB1AF

 EC6E68

 ECC8C6

 EC5850

 ECDEDE

 EC4139

 ECF5F5

 EC2B21

 ECF5F5

 EC1409

 EC0B00

Harmonies

Analogous

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



E89AB5



EC9B97



E0A37F

Triad

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



EC9B97



86BD8E



81B4EC

Complementary

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



EC9B97



97E8EC

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.



57BCE2



EC9B97



63C1AB

Square

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



EC9B97



AAB679



4AC0CA



AFAAE6

Rectangle

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



EC9B97



D2A976



4AC0CA



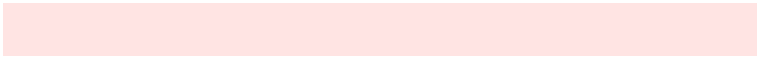
72B7EA

Sweetspot

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



EC9B97



FFE4E3



EC97E9



80706F



000000



808080

Same Dimension

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



EC9B97



FF9791



ECC497



756A6A



B50900



360300

Inverse Universe

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



97E8EC



91FAFF



97BFEC



6A7575



00ADB5



003336

Previews

White Background



This preview shows how the Hex color EC9B97 looks on a white background.

Color Contrast Check

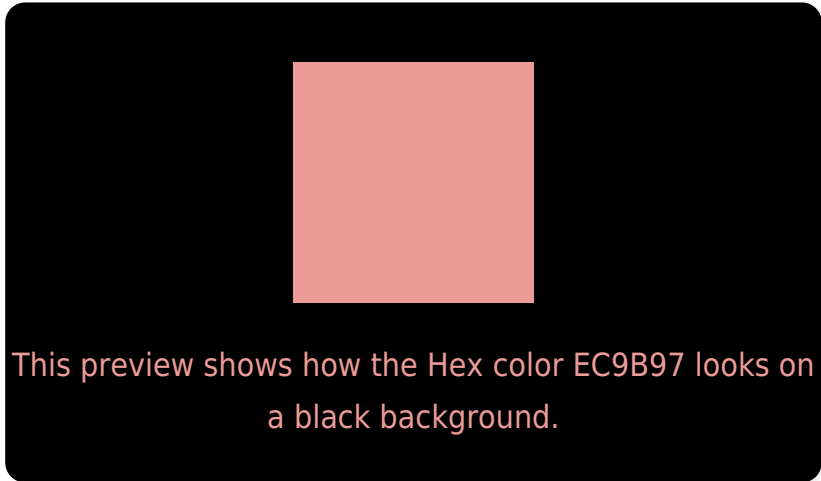
Large Text (above 18pt) WCAG AA × Fail

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 EC9B97 Background



This preview shows how black text looks on a background with the Hex color EC9B97.

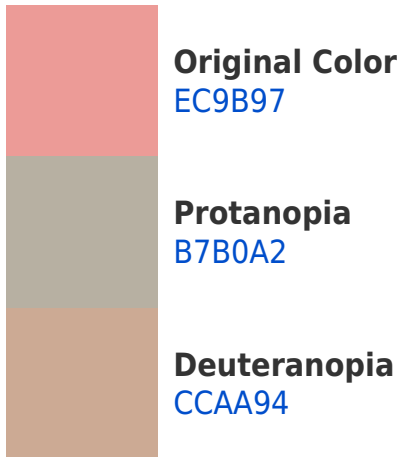


This preview shows how white text looks on a background with the Hex color EC9B97.

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](#).

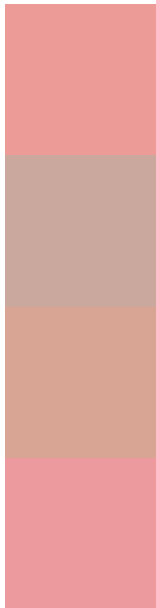
Dichromacy





Tritanopia
ED99A4

Trichromacy



Original Color
EC9B97

Protanomaly
CAA89E

Deuteranomaly
D8A595

Tritanomaly
ED9A9F

Monochromacy



Original Color
EC9B97

Achromatopsia
B3B3B3

Achromatomaly
C8AAA9

CSS Examples

Text

The CSS property to change the color of the text to Hex EC9B97 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 #EC9B97 looks like.

```
.text, #text, p{  
    color:#EC9B97  
}
```

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 #EC9B97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC9B97
}
```

Border

The CSS property to change the border of an element to Hex EC9B97 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
#EC9B97 }
```

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

```
.border{ border-color:#EC9B97 }
```

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

Here you see how a box with a 4 pixel #EC9B97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC9B97; -webkit-box-shadow:4px 4px  
4px 4px #EC9B97; box-shadow:4px 4px 4px  
4px #EC9B97 }
```

Background

The CSS property to change the background color of an element to Hex EC9B97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC9B97 }
```

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

```
.background{ background-color:#EC9B97 }
```

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