

# Converting Colors

Hex(EC8972)

Have a look what the booklet for  
Hex(EC8972) contains.

<b>Hex(EC8972)</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(EC8972)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EC8972
RGB	236, 137, 114
RGB Percent	93%, 54%, 45%
CMY	0.0745, 0.4627, 0.5529
CMYK	0.00, 0.42, 0.52, 0.07
HSL	11°, 76%, 69%
HSV	11°, 52%, 93%
XYZ	46.5750, 36.9391, 20.5948
YIQ	163.9790, 66.3870, 13.8350

# Conversions

## Conversions Part 2

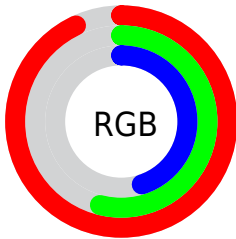
Format	Color
R <sub>YB</sub>	236, 142, 114
Decimal	15501682
CIE <sub>Lab</sub>	67.23, 35.44, 28.70
CIE <sub>LCh</sub>	67, 45.599, 39.001
Yxy	36.9391, 0.4474, 0.3548
Android (android.graphics.Color)	4293691762 (0xFFEC8972)
YUV	163.9790, -24.6396, 63.1624
Hunter-Lab	60.7775, 30.4273, 22.4536

# Details

The Hex color **EC8972** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72D5EC**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFBFA6**, and **B05542** is the 20% darker color. If you saturate the color by 10%, you get **EC765A**, and if you desaturate by 10%, it is **EC9C8A**.

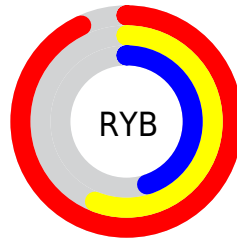
# Distribution



Red (93%)

Green (54%)

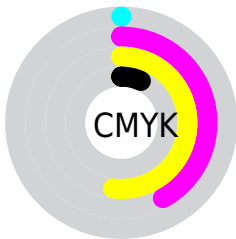
Blue (45%)



Red (93%)

Yellow (56%)

Blue (45%)

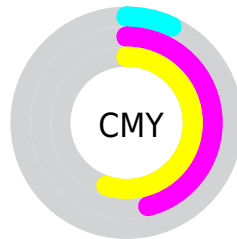


Cyan (0%)

Magenta (42%)

Yellow (52%)

Black (7%)



Cyan (7%)

Magenta (46%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC8972 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 EC8972 by changing the saturation by 10% instead.



 EC8972

 EC8972

FFFFFF

 CE6F59

 FFBA6

 B05542

 FFDCC1

 933C2B

 FFF9DD

 762416

 FFFFFA

 5B0700

 3F0000

 250001

 000000

 EC8972

 EC8972

 EC765A

 EC9C8A

 EC6343

 ECAFA1

 EC502B

 ECC2B9

 EC3C14

 ECD6D0

 EC2C00

 ECE9E8

 ECFCFF

 ECFFFF

# Harmonies

## Analogous

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



F18299



EC8972



D59757

# Triad

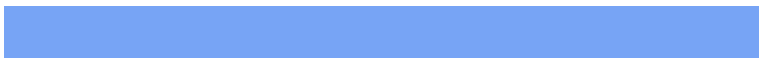
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



EC8972



4CB785



77A4F5

# Complementary

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



EC8972



72D5EC

# 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.



00B0F0



EC8972



00B9AF

# Square

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



EC8972



84B062



00B7D6



B894E4

# Rectangle

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



EC8972



BEA150



00B7D6



5BA8F5

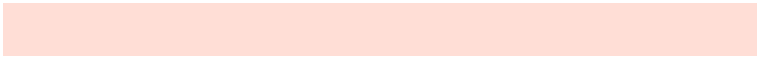


# Sweetspot

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



EC8972



FFDED6



EC72D6



806C67



000000



808080



# Same Dimension

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



EC8972



FF7F61



ECC572



756C6A



B52200



360A00



# Inverse Universe

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



72D5EC



61E1FF



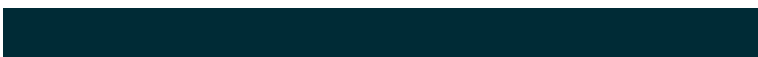
7299EC



6A7375



0093B5



002B36



# Previews

## White Background



This preview shows how the Hex color EC8972 looks on a white background.

## Color Contrast Check

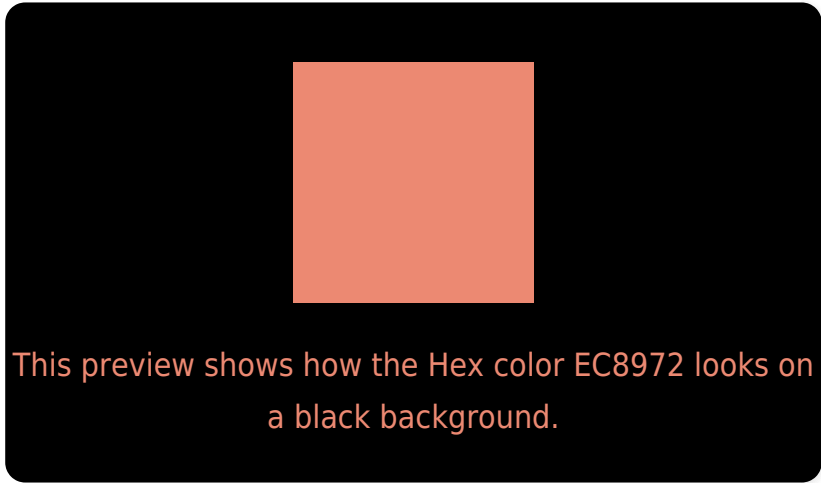
Large Text (above 18pt) WCAG AA × Fail

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 EC8972 Background



This preview shows how black text looks on a background with the Hex color EC8972.

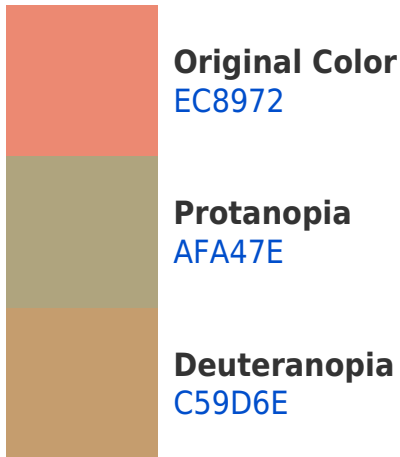



This preview shows how white text looks on a background with the Hex color EC8972.

# 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



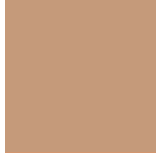


**Tritanopia**  
EE858F

# Trichromacy



**Original Color**  
EC8972



**Protanomaly**  
C59A7A



**Deuteranomaly**  
D3966F

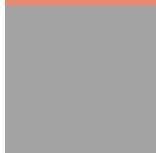


**Tritanomaly**  
ED8684

# Monochromacy



**Original Color**  
EC8972



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
BE9A92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC8972 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 #EC8972 looks like.

```
.text, #text, p{  
    color:#EC8972  
}
```

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 #EC8972 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC8972
}
```

## Border

The CSS property to change the border of an element to Hex EC8972 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
#EC8972 }
```

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

```
.border{ border-color:#EC8972 }
```

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

Here you see how a box with a 4 pixel #EC8972 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC8972; -webkit-box-shadow:4px 4px  
4px 4px #EC8972; box-shadow:4px 4px 4px  
4px #EC8972 }
```

# Background

The CSS property to change the background color of an element to Hex EC8972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC8972 }
```

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

```
.background{ background-color:#EC8972 }
```

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