

# Converting Colors

Hex(EC9571)

Have a look what the booklet for  
Hex(EC9571) contains.

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# **Color**

**Hex(EC9571)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC9571
RGB	236, 149, 113
RGB Percent	93%, 58%, 44%
CMY	0.0745, 0.4157, 0.5569
CMYK	0.00, 0.37, 0.52, 0.07
HSL	18°, 76%, 68%
HSV	18°, 52%, 93%
XYZ	48.3202, 40.5200, 20.8972
YIQ	170.9090, 63.4080, 7.2480

# Conversions

## Conversions Part 2

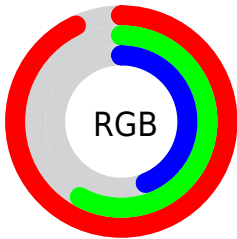
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 164, 113
Decimal	15504753
CIE Lab	69.84, 29.06, 32.63
CIE LCh	70, 43.698, 48.311
Yxy	40.5200, 0.4403, 0.3692
Android (android.graphics.Color)	4293694833 (0xFFEC9571)
YUV	170.9090, -28.5491, 57.0848
Hunter-Lab	63.6553, 24.1008, 25.0946

# Details

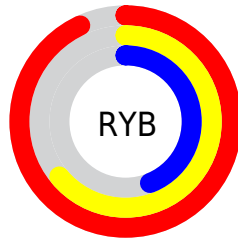
The Hex color **EC9571** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **71C8EC**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFCCA5**, and **B16140** is the 20% darker color. If you saturate the color by 10%, you get **EC8459**, and if you desaturate by 10%, it is **ECA689**.

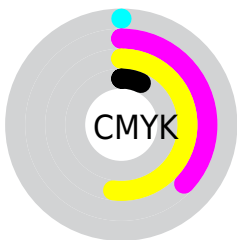
# Distribution



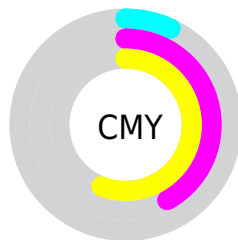
- Red (93%)
- Green (58%)
- Blue (44%)



- Red (93%)
- Yellow (64%)
- Blue (44%)



- Cyan (0%)
- Magenta (37%)
- Yellow (52%)
- Black (7%)



- Cyan (7%)
- Magenta (42%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC9571 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 EC9571 by changing the saturation by 10% instead.



 EC9571

 EC9571

FFFFFF

 CE7B58

 FFCCA5

 B16140

 FFE8C1

 944929

 FFFFDD

 773113

 FFFFF9

 5C1900

 400100

 290001

 000000

 EC9571

 EC9571

 EC8459

 ECA689

 EC7442

 ECB6A0

 EC632A

 ECC7B8

 EC5213

 ECD8CF

 EC4500

 ECE8E7

 ECF9FF

 ECFFFF

# Harmonies

## Analogous

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



F78C94



EC9571



D1A35C

# Triad

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



EC9571



44BE99



97A6F6

# Complementary

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



EC9571



71C8EC

# 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.



49B3F8



EC9571



00BFC2

# Square

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



EC9571



7EB974



00BCE5



CD97E0

# Rectangle

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



EC9571



B9AC5A



00BCE5



80ABF9

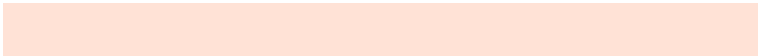


# Sweetspot

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



EC9571



FFE2D6



EC71C9



806E67



000000



808080



# Same Dimension

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



EC9571



FF8D5E



ECD171



756D6A



B53500



361000



# Inverse Universe

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



71C8EC



5ED0FF



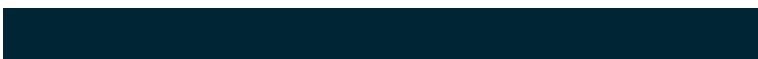
718CEC



6A7275



0080B5



002636



# Previews

## White Background



This preview shows how the Hex color EC9571 looks on a white background.

## Color Contrast Check

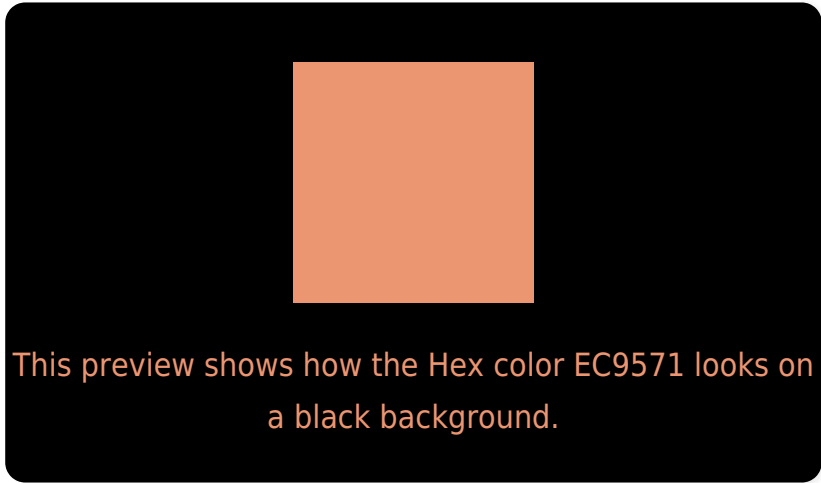
Large Text (above 18pt) WCAG AA × Fail

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

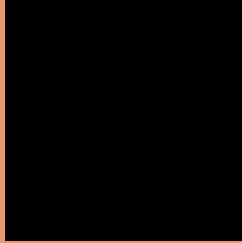
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EC9571 Background



This preview shows how black text looks on a background with the Hex color EC9571.

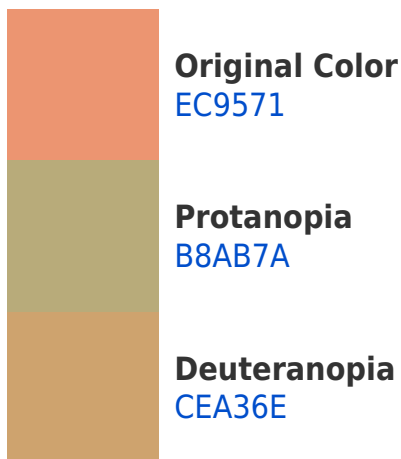


This preview shows how white text looks on a background with the Hex color EC9571.

# 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](#).

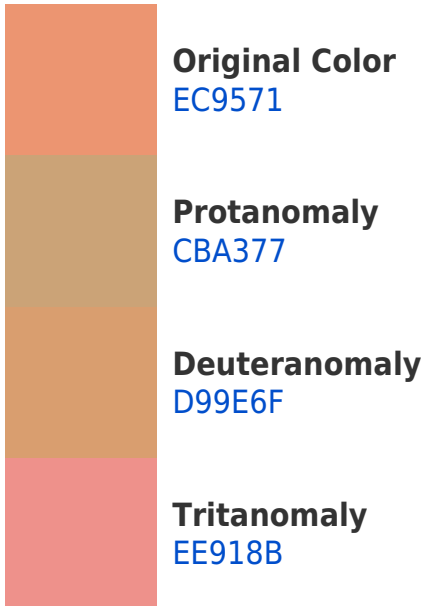
## Dichromacy



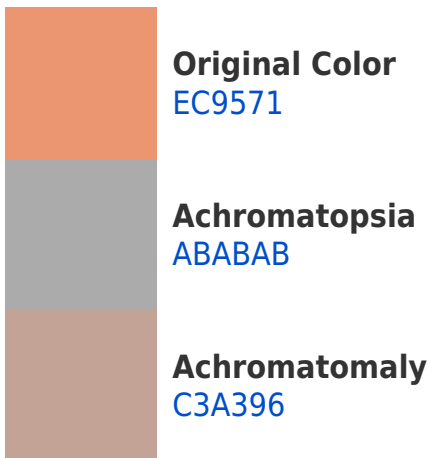


**Tritanopia**  
EF8F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC9571 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 #EC9571 looks like.

```
.text, #text, p{  
    color:#EC9571  
}
```

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 #EC9571 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC9571  
}
```

## Border

The CSS property to change the border of an element to Hex EC9571 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  
#EC9571 }
```

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

```
.border{ border-color:#EC9571 }
```

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

Here you see how a box with a 4 pixel #EC9571 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC9571; -webkit-box-shadow:4px 4px  
4px 4px #EC9571; box-shadow:4px 4px 4px  
4px #EC9571 }
```

# Background

The CSS property to change the background color of an element to Hex EC9571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC9571 }
```

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

```
.background{ background-color:#EC9571 }
```

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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