

# Converting Colors

Hex(EB9571)

Have a look what the booklet for  
Hex(EB9571) contains.

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# **Color**

**Hex(EB9571)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB9571
RGB	235, 149, 113
RGB Percent	92%, 58%, 44%
CMY	0.0784, 0.4157, 0.5569
CMYK	0.00, 0.37, 0.52, 0.08
HSL	18°, 75%, 68%
HSV	18°, 52%, 92%
XYZ	47.9890, 40.3493, 20.8817
YIQ	170.6100, 62.8120, 7.0360

# Conversions

## Conversions Part 2

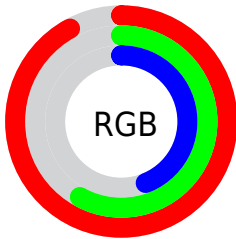
Format	Color
R <sub>Y</sub> B	235, 164, 113
Decimal	15439217
CIE Lab	69.72, 28.67, 32.45
CIE LCh	70, 43.303, 48.542
Yxy	40.3493, 0.4394, 0.3694
Android (android.graphics.Color)	4293629297 (0xFFEB9571)
YUV	170.6100, -28.4017, 56.4700
Hunter-Lab	63.5211, 23.6915, 24.9740

# Details

The Hex color **EB9571** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **71C7EB**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFCCA5**, and **B06140** is the 20% darker color. If you saturate the color by 10%, you get **EB845A**, and if you desaturate by 10%, it is **EBA689**.

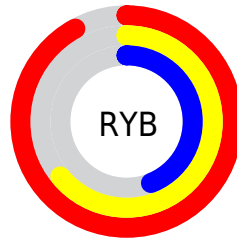
# Distribution



Red (92%)

Green (58%)

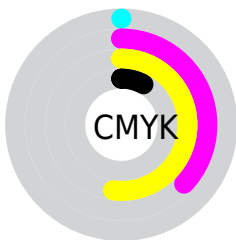
Blue (44%)



Red (92%)

Yellow (64%)

Blue (44%)

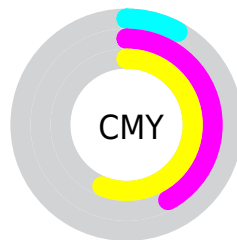


Cyan (0%)

Magenta (37%)

Yellow (52%)

Black (8%)



Cyan (8%)

Magenta (42%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB9571 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 EB9571 by changing the saturation by 10% instead.



 EB9571

 EB9571

FFFFFF

 CD7B58

 FFCCA5

 B06140

 FFE8C1

 934929

 FFFFDD

 763113

 FFFFF9

 5B1900

 3F0100

 290001

 000000

 EB9571

 EB9571

 EB845A

 EBA689

 EB7442

 EBB6A0

 EB632A

 EBC7B8

 EB5313

 EBD7CF

 EB4500

 EBE8E7

 EBF8FE

 EBFFFF

# Harmonies

## Analogous

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



F68C93



EB9571



D0A35D

# Triad

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



EB9571



44BE99



97A6F5

# Complementary

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



EB9571



71C7EB

# 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.



4BB3F7



EB9571



00BFC2

# Square

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



EB9571



7EB975



00BBE4



CC97DF

# Rectangle

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



EB9571



B8AC5B



00BBE4



81ABF8

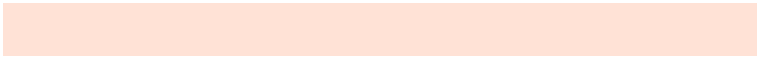


# Sweetspot

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



EB9571



FFE2D6



EB71C8



806E67



000000



808080



# Same Dimension

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



EB9571



FF9061



EBD171



756D6A



B53500



361000



# Inverse Universe

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



71C7EB



61D0FF



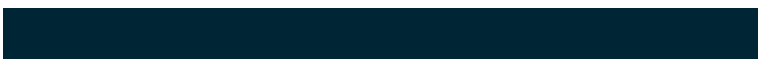
718BEB



6A7275



0080B5



002636



# Previews

## White Background



This preview shows how the Hex color EB9571 looks on a white background.

## Color Contrast Check

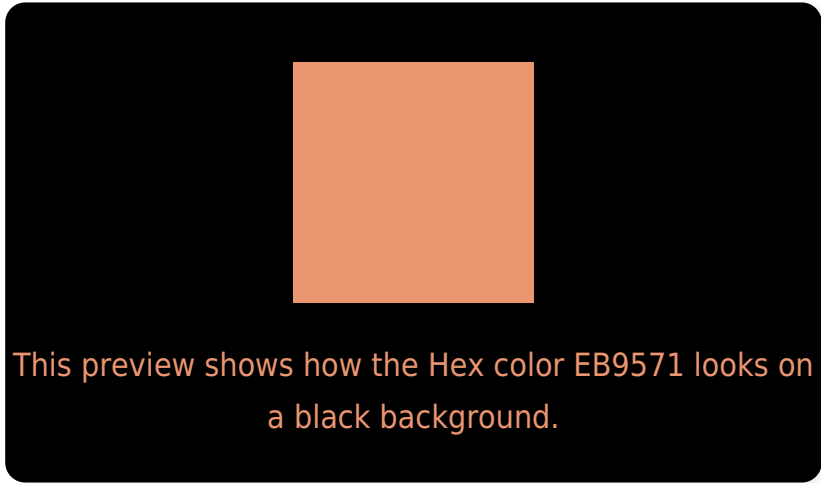
Large Text (above 18pt) WCAG AA × Fail

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 EB9571 Background



This preview shows how black text looks on a background with the Hex color EB9571.

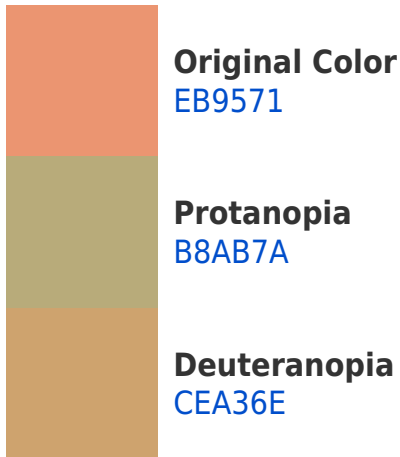


This preview shows how white text looks on a background with the Hex color EB9571.

# 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**  
EE8F9A

# Trichromacy



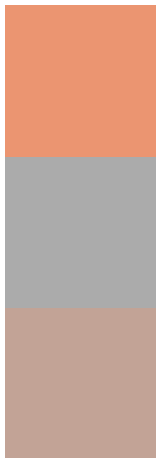
**Original Color**  
EB9571

**Protanomaly**  
CBA377

**Deuteranomaly**  
D99E6F

**Tritanomaly**  
ED918B

# Monochromacy



**Original Color**  
EB9571

**Achromatopsia**  
ABABAB

**Achromatomaly**  
C2A396

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB9571 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 #EB9571 looks like.

```
.text, #text, p{  
    color:#EB9571  
}
```

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 #EB9571 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB9571
}
```

## Border

The CSS property to change the border of an element to Hex EB9571 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
#EB9571 }
```

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

```
.border{ border-color:#EB9571 }
```

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

Here you see how a box with a 4 pixel #EB9571 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB9571; -webkit-box-shadow:4px 4px  
4px 4px #EB9571; box-shadow:4px 4px 4px  
4px #EB9571 }
```

# Background

The CSS property to change the background color of an element to Hex EB9571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB9571 }
```

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

```
.background{ background-color:#EB9571 }
```

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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