

# Converting Colors

Hex(EFB196)

Have a look what the booklet for  
Hex(EFB196) contains.

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# **Color**

**Hex(EFB196)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">EFB196</a>
RGB	239, 177, 150
RGB Percent	94%, 69%, 59%
CMY	0.0627, 0.3059, 0.4118
CMYK	0.00, 0.26, 0.37, 0.06
HSL	18°, 74%, 76%
HSV	18°, 37%, 94%
XYZ	56.8238, 51.9970, 35.8957
YIQ	192.4600, 45.6190, 4.7470

# Conversions

## Conversions Part 2

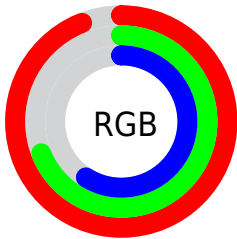
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	239, 189, 150
Decimal	15708566
CIE Lab	77.28, 19.15, 22.66
CIE LCh	77, 29.669, 49.807
Yxy	51.9970, 0.3927, 0.3593
Android (android.graphics.Color)	4293898646 (0xFFEFB196)
YUV	192.4600, -20.9328, 40.8156
Hunter-Lab	72.1090, 14.4721, 20.9619

# Details

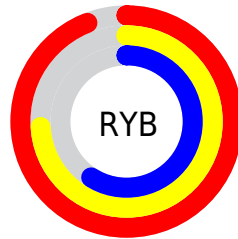
The Hex color **EFB196** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **96D4EF**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFE9CC**, and **B57C63** is the 20% darker color. If you saturate the color by 10%, you get **EFA07E**, and if you desaturate by 10%, it is **EFC2AE**.

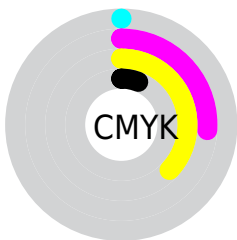
# Distribution



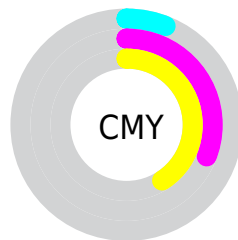
- Red (94%)
- Green (69%)
- Blue (59%)



- Red (94%)
- Yellow (74%)
- Blue (59%)



- Cyan (0%)
- Magenta (26%)
- Yellow (37%)
- Black (6%)



- Cyan (6%)
- Magenta (31%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EFB196 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 EFB196 by changing the saturation by 10% instead.



 EFB196

 EFB196

FFFFFF

 D2967C

 FFE9CC

 B57C63

 FFFF8

 99634B

 7E4B34

 63341E

 491E07

 300800

 120000

 000000

 EFB196

 EFB196

 EFA07E

 EFC2AE

 EF9066

 EFD2C6

 EF7F4E

 EFE3DE

 EF6E36

 EFF4F6

 EF5E1F

 EFFFFFF

 EF4D07

 EF4900

# Harmonies

## Analogous

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



F7ABAE



EFB196



DBBA89

# Triad

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



EFB196



82CEB4



B6BBF2

# Complementary

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



EFB196



96D4EF

# 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.



8FC4F4



EFB196



6DCED0

# Square

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



EFB196



A0CA9B



71CBE8



D9B2E3

# Rectangle

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



EFB196



CAC089



71CBE8



A9BEF5

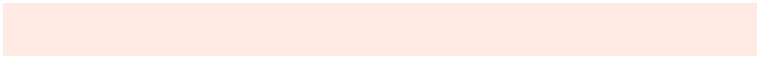


# Sweetspot

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



EFB196



FFEBE3



EF96D4



80746F



000000



808080



# Same Dimension

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



EFB196



FFAF8C



EFDD96



78706C



B83800



381100

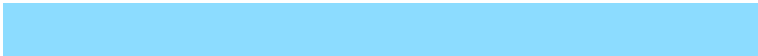


# Inverse Universe

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



96D4EF



8CDCFF



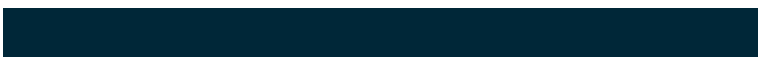
96A8EF



6C7478



0080B8



002738



# Previews

## White Background



This preview shows how the Hex color EFB196 looks on a white background.

## Color Contrast Check

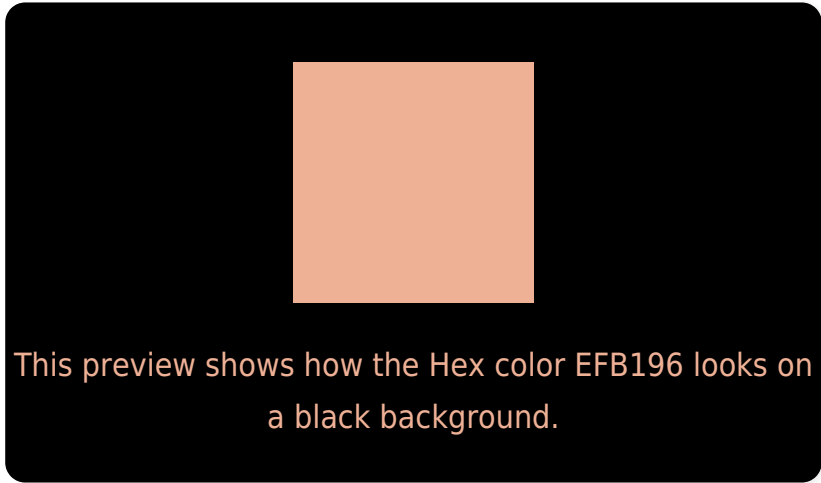
Large Text (above 18pt) WCAG AA × Fail

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 EFB196 Background



This preview shows how black text looks on a background with the Hex color EFB196.



This preview shows how white text looks on a background with the Hex color EFB196.

# 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



**Original Color**  
EFB196

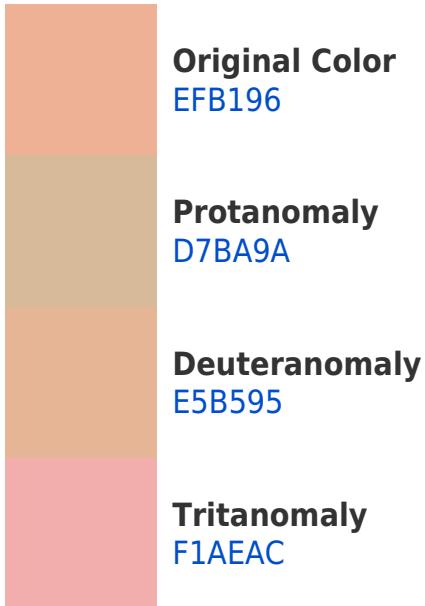
**Protanopia**  
CABF9C

**Deuteranopia**  
E0B795

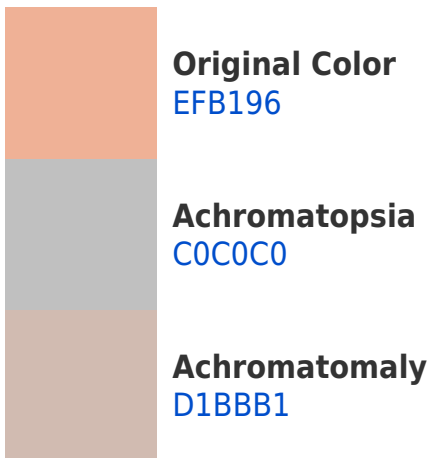


**Tritanopia**  
F2ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EFB196 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 #EFB196 looks like.

```
.text, #text, p{  
    color:#EFB196  
}
```

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 #EFB196 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFB196
}
```

## Border

The CSS property to change the border of an element to Hex EFB196 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
#EFB196 }
```

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

```
.border{ border-color:#EFB196 }
```

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

Here you see how a box with a 4 pixel #EFB196 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFB196; -webkit-box-shadow:4px 4px  
4px 4px #EFB196; box-shadow:4px 4px 4px  
4px #EFB196 }
```

# Background

The CSS property to change the background color of an element to Hex EFB196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFB196 }
```

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

```
.background{ background-color:#EFB196 }
```

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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