

# Converting Colors

Hex(EEB788)

Have a look what the booklet for  
Hex(EEB788) contains.

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# **Color**

**Hex(EEB788)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEB788
RGB	238, 183, 136
RGB Percent	93%, 72%, 53%
CMY	0.0667, 0.2824, 0.4667
CMYK	0.00, 0.23, 0.43, 0.07
HSL	28°, 75%, 73%
HSV	28°, 43%, 93%
XYZ	56.6373, 53.8217, 30.6961
YIQ	194.0870, 47.8670, -2.9570

# Conversions

## Conversions Part 2

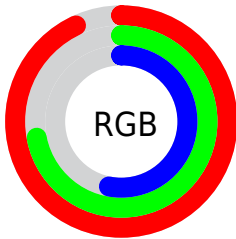
Format	Color
R <sub>Y</sub> B	238, 223, 136
Decimal	15644552
CIE Lab	78.36, 14.04, 31.54
CIE LCh	78, 34.527, 66.012
Yxy	53.8217, 0.4012, 0.3813
Android (android.graphics.Color)	4293834632 (0xFFEEB788)
YUV	194.0870, -28.6369, 38.5117
Hunter-Lab	73.3633, 9.4184, 26.5466

# Details

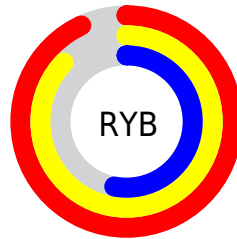
The Hex color **EEB788** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **88BFEE**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFEFBE**, and **B48256** is the 20% darker color. If you saturate the color by 10%, you get **EEAA70**, and if you desaturate by 10%, it is **EEC4A0**.

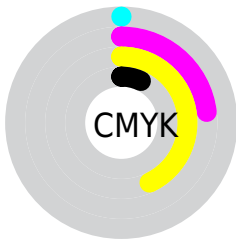
# Distribution



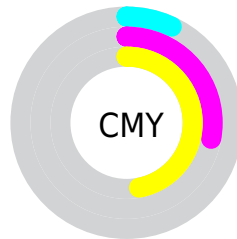
- Red (93%)
- Green (72%)
- Blue (53%)



- Red (93%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (43%)
- Black (7%)



- Cyan (7%)
- Magenta (28%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EEB788 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 EEB788 by changing the saturation by 10% instead.



 EEB788

 EEB788

FFFFFF

 D19C6E

 FFEFBE

 B48256

 FFFFDA

 98693E

 FFFFF6

 7C5127

 623A10

 482400

 2E0F00

 110000

 000000

 EEB788

 EEB788

 EEAA70

 EEC4A0

 EE9D58

 EED1B8

 EE9041

 EEDDCF

 EE8429

 EEEAE7

 EE7711

 EEF7FF

 EE6E00

 EFFFFFF

# Harmonies

## Analogous

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



FFAE9E



EEB788



D2C282

# Triad

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



EEB788



66D4C7



CFB7F6

# Complementary

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



EEB788



88BFEE

# 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.



A1C3FF



EEB788



57D2E6

# Square

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



EEB788



89D1A7



72CCFC



F0AEDD

# Rectangle

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



EEB788



BBC887



72CCFC



COBBFB

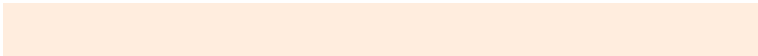


# Sweetspot

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



EEB788



FFEDDE



EE88C0



80756B



000000



808080



# Same Dimension

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



EEB788



FFB97D



EEE988



78716C



B85500



381A00

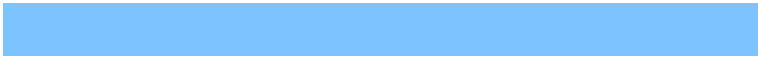


# Inverse Universe

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



88BFEE



7DC3FF



888DEE



6C7278



0063B8



001E38



# Previews

## White Background



This preview shows how the Hex color EEB788 looks on a white background.

## Color Contrast Check

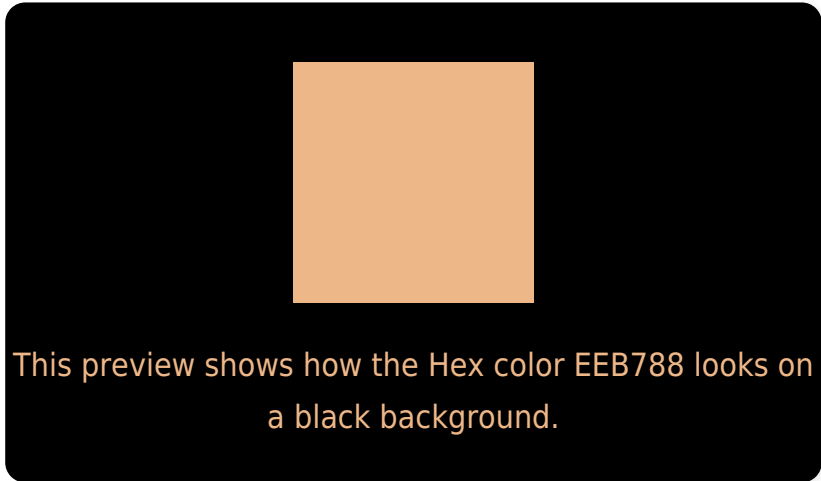
Large Text (above 18pt) WCAG AA × Fail

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

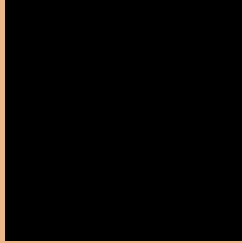
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EEB788 Background



This preview shows how black text looks on a background with the Hex color EEB788.

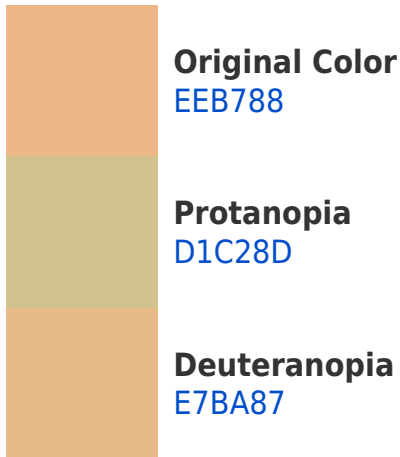



This preview shows how white text looks on a background with the Hex color EEB788.

# 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](#).

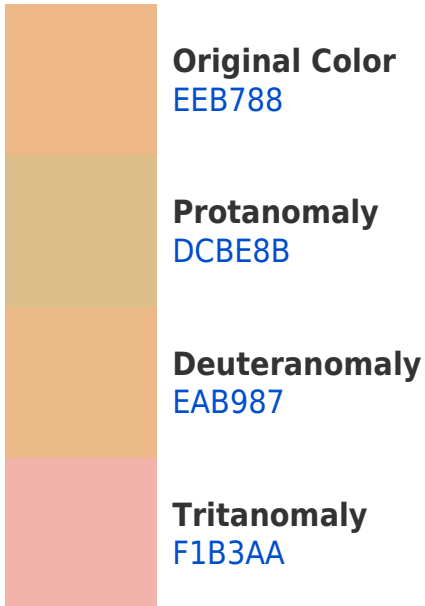
## Dichromacy



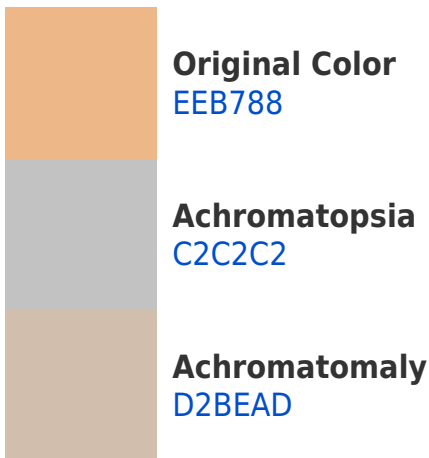


**Tritanopia**  
F3B0BD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EEB788 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 #EEB788 looks like.

```
.text, #text, p{  
    color:#EEB788  
}
```

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 #EEB788 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEB788  
}
```

## Border

The CSS property to change the border of an element to Hex EEB788 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  
#EEB788 }
```

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

```
.border{ border-color:#EEB788 }
```

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

Here you see how a box with a 4 pixel #EEB788 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEB788; -webkit-box-shadow:4px 4px  
4px 4px #EEB788; box-shadow:4px 4px 4px  
4px #EEB788 }
```

# Background

The CSS property to change the background color of an element to Hex EEB788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEB788 }
```

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

```
.background{ background-color:#EEB788 }
```

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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