

# Converting Colors

Hex(EEB76B)

Have a look what the booklet for  
Hex(EEB76B) contains.

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# **Color**

**Hex(EEB76B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEB76B
RGB	238, 183, 107
RGB Percent	93%, 72%, 42%
CMY	0.0667, 0.2824, 0.5804
CMYK	0.00, 0.23, 0.55, 0.07
HSL	35°, 79%, 68%
HSV	35°, 55%, 93%
XYZ	54.8472, 53.1057, 21.2696
YIQ	190.7810, 57.1760, -11.9760

# Conversions

## Conversions Part 2

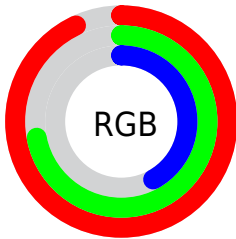
Format	Color
R <sub>Y</sub> B	202, 238, 107
Decimal	15644523
CIE Lab	77.94, 11.37, 45.92
CIE LCh	78, 47.301, 76.094
Yxy	53.1057, 0.4244, 0.4110
Android (android.graphics.Color)	4293834603 (0xFFEEB76B)
YUV	190.7810, -41.3040, 41.4111
Hunter-Lab	72.8736, 6.8165, 33.7066

# Details

The Hex color **EEB76B** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6BA2EE**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFEFA0**, and **B38239** is the 20% darker color. If you saturate the color by 10%, you get **EEAD53**, and if you desaturate by 10%, it is **EEC183**.

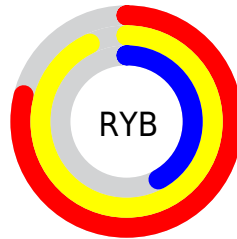
# Distribution



Red (93%)

Green (72%)

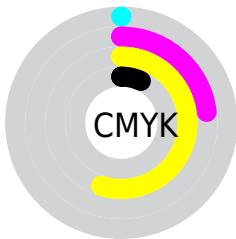
Blue (42%)



Red (79%)

Yellow (93%)

Blue (42%)

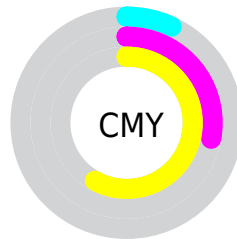


Cyan (0%)

Magenta (23%)

Yellow (55%)

Black (7%)



Cyan (7%)

Magenta (28%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EEB76B 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 EEB76B by changing the saturation by 10% instead.



 EEB76B

 EEB76B

FFFFFF

 D09C52

 FFEFA0

 B38239

 FFFFBB

 966920

 FFFFD8

 7A5102

 FFFFF4

 5F3A00

 442500

 2A1100

 060000

 000000

 EEB76B

 EEB76B

 EEAD53

 EEC183

 EEA33B

 EECB9B

 EE9924

 EED5B2

 EE8F0C

 EEDFCA

 EE8A00

 EEE9E2

 EEF3FA

 EEFDFE

 EEEFFF

# Harmonies

## Analogous

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



FFA883



EEB76B



C5C66A

# Triad

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



EEB76B



00D8D8



E3ACFE

# Complementary

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



EEB76B



6BA2EE

# 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.



A5BDFF



EEB76B



00D4FF

# Square

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



EEB76B



55D6AA



4ECBFF



FFA0D7

# Rectangle

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



EEB76B



A5CD78



4ECBFF



D1B2FF

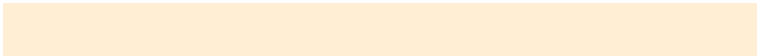


# Sweetspot

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



EEB76B



FFEDD4



EE6BA4



807566



000000



808080



# Same Dimension

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



EEB76B



FFB857



E5EE6B



78736C



B86B00



382100



# Inverse Universe

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



6BA2EE



579DFF



746BEE



6C7178



004DB8



001838



# Previews

## White Background



This preview shows how the Hex color EEB76B looks on a white background.

## Color Contrast Check

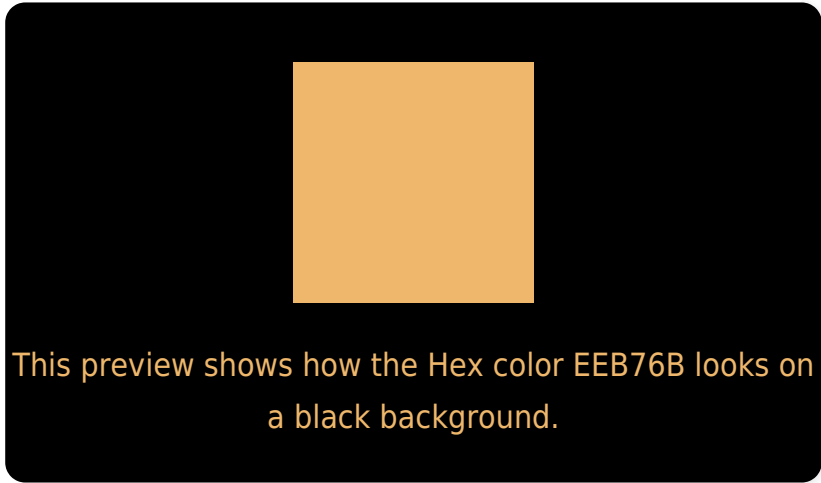
Large Text (above 18pt) WCAG AA × Fail

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

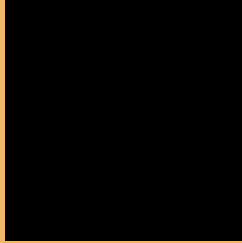
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EEB76B Background



This preview shows how black text looks on a background with the Hex color EEB76B.

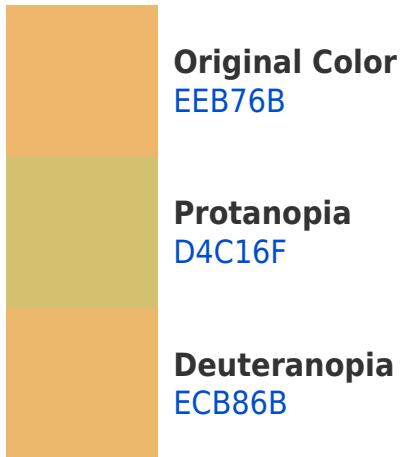


This preview shows how white text looks on a background with the Hex color EEB76B.

# 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](#).

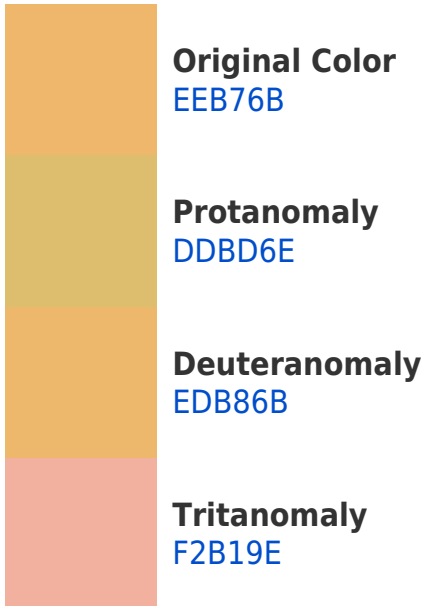
## Dichromacy



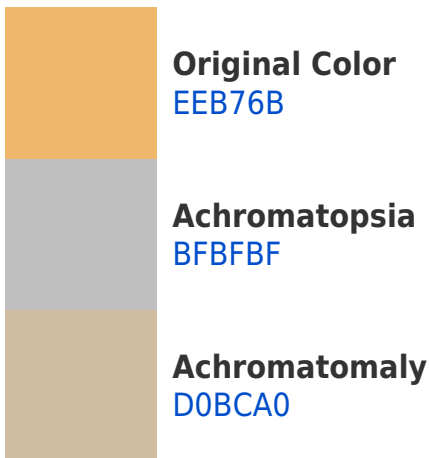


**Tritanopia**  
F5AEBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EEB76B 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 #EEB76B looks like.

```
.text, #text, p{  
    color:#EEB76B  
}
```

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 #EEB76B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEB76B
}
```

## Border

The CSS property to change the border of an element to Hex EEB76B 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
#EEB76B }
```

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

```
.border{ border-color:#EEB76B }
```

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

Here you see how a box with a 4 pixel #EEB76B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEB76B; -webkit-box-shadow:4px 4px  
4px 4px #EEB76B; box-shadow:4px 4px 4px  
4px #EEB76B }
```

# Background

The CSS property to change the background color of an element to Hex EEB76B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEB76B }
```

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

```
.background{ background-color:#EEB76B }
```

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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