

# Converting Colors

Hex(EEBB64)

Have a look what the booklet for  
Hex(EEBB64) contains.

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# **Color**

**Hex(EEBB64)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">EEBB64</a>
RGB	<a href="#">238, 187, 100</a>
RGB Percent	<a href="#">93%, 73%, 39%</a>
CMY	<a href="#">0.0667, 0.2667, 0.6078</a>
CMYK	<a href="#">0.00, 0.21, 0.58, 0.07</a>
HSL	<a href="#">38°, 80%, 66%</a>
HSV	<a href="#">38°, 58%, 93%</a>
XYZ	<a href="#">55.3305, 54.6379, 19.6865</a>
YIQ	<a href="#">192.3310, 58.3230, -16.2450</a>

# Conversions

## Conversions Part 2

Format	Color
<a href="#">RYB</a>	<a href="#">181, 238, 100</a>
Decimal	<a href="#">15645540</a>
CIELab	<a href="#">78.83, 8.73, 50.41</a>
CIELCh	<a href="#">79, 51.162, 80.176</a>
Yxy	<a href="#">54.6379, 0.4268, 0.4214</a>
Android (android.graphics.Color)	<a href="#">4293835620 (0xFFEEBB64)</a>
YUV	<a href="#">192.3310, -45.5192, 40.0517</a>
Hunter-Lab	<a href="#">73.9174, 4.2596, 35.9514</a>

# Details

The Hex color **EEBB64** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6497EE**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFF399**, and **B38631** is the 20% darker color. If you saturate the color by 10%, you get **EEB24C**, and if you desaturate by 10%, it is **EEC47C**.

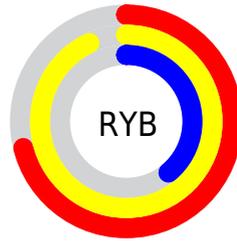
# Distribution



Red (93%)

Green (73%)

Blue (39%)



Red (71%)

Yellow (93%)

Blue (39%)

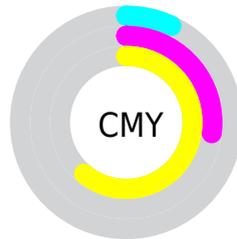


Cyan (0%)

Magenta (21%)

Yellow (58%)

Black (7%)



Cyan (7%)

Magenta (27%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EEBB64 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 EEBB64 by changing the saturation by 10% instead.

 EE6B64

 EE6B64

FFFFFF

 D0A04A

 FFF399

 B38631

 FFFFB4

 966D16

 FFFFD1

 7A5500

 FFFFED

 5F3E00

 442800

 2A1400

 0A0000

 000000

 EE8B64

 EE8B64

 EE824C

 EE847C

 EE8934

 EE8D94

 EE811D

 EE85AB

 EE8805

 EE8EC3

 EE8600

 EE87DB

 EE80F3

 EE89FF

 EE8FFF

# Harmonies

## Analogous

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



FFAA7C



EEBB64



C0CA67

# Triad

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



EEBB64



00DCE2



EFABFF

# Complementary

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



EEBB64



6497EE

# 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.



AFBDFE



EEDB64



00D7FF

# Square

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



EEBB64



3ADBB1



4CCDFE



FF9ED5

# Rectangle

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



EEBB64



9DD278



4CCDFE



DDB0FF

# Sweetspot

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



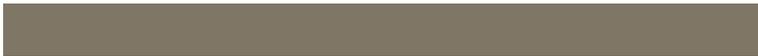
EEBB64



FFEFD4



EE6499



807666



000000



808080



# Same Dimension

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



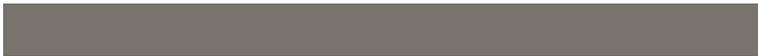
EEBB64



FFBD4D



DEEE64



78736C



B87400



382300



# Inverse Universe

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



6497EE



4D8EFF



7464EE



6C7078



0044B8



001538



# Previews

## White Background



This preview shows how the Hex color EE6B64 looks on a white background.

## Color Contrast Check

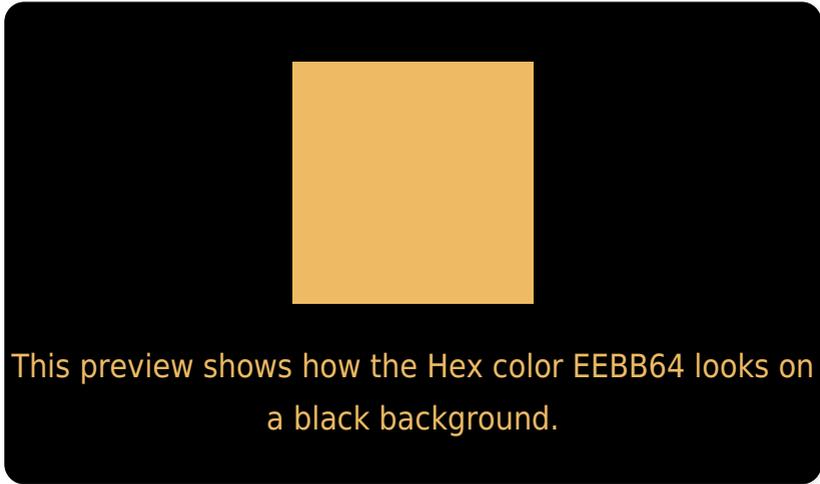
Large Text (above 18pt) WCAG AA × Fail

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

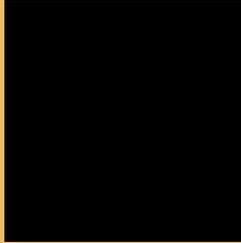
Any Text WCAG AA ✓ Pass

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 EEBB64 Background



This preview shows how black text looks on a background with the Hex color EEBB64.



This preview shows how white text looks on a background with the Hex color EEBB64.

# 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**  
F5B1BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE6666 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 #EE6666 looks like.

```
.text, #text, p{  
    color:#EE6666  
}
```

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 #EEBB64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEBB64
}
```

## Border

The CSS property to change the border of an element to Hex EEBB64 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
#EEBB64 }
```

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

```
.border{ border-color:#EEBB64 }
```

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

Here you see how a box with a 4 pixel #EEBB64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEBB64; -webkit-box-shadow:4px 4px  
4px 4px #EEBB64; box-shadow:4px 4px 4px  
4px #EEBB64 }
```

# Background

The CSS property to change the background color of an element to Hex EEBB64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEBB64 }
```

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

```
.background{ background-color:#EEBB64 }
```

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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