

# Converting Colors

Hex(EEBC58)

Have a look what the booklet for  
Hex(EEBC58) contains.

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# **Color**

**Hex(EEBC58)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEBC58
RGB	238, 188, 88
RGB Percent	93%, 74%, 35%
CMY	0.0667, 0.2627, 0.6549
CMYK	0.00, 0.21, 0.63, 0.07
HSL	40°, 82%, 64%
HSV	40°, 63%, 93%
XYZ	55.0046, 54.8482, 16.9202
YIQ	191.5500, 61.9000, -20.5000

# Conversions

## Conversions Part 2

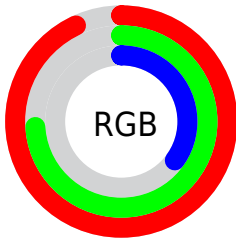
Format	Color
<a href="#">RYB</a>	<a href="#">163, 238, 88</a>
Decimal	<a href="#">15645784</a>
CIELab	<a href="#">78.95, 7.38, 56.19</a>
CIElCh	<a href="#">79, 56.671, 82.513</a>
Yxy	<a href="#">54.8482, 0.4339, 0.4326</a>
Android (android.graphics.Color)	<a href="#">4293835864 (0xFFEEBC58)</a>
YUV	<a href="#">191.5500, -51.0501, 40.7367</a>
Hunter-Lab	<a href="#">74.0595, 2.9691, 38.2958</a>

# Details

The Hex color **EEBC58** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **588AEE**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFF48D**, and **B38722** is the 20% darker color. If you saturate the color by 10%, you get **EEB440**, and if you desaturate by 10%, it is **EEC470**.

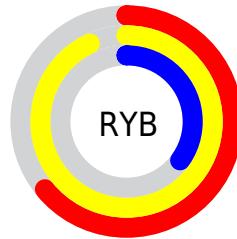
# Distribution



Red (93%)

Green (74%)

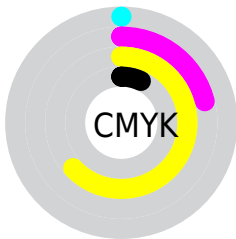
Blue (35%)



Red (64%)

Yellow (93%)

Blue (35%)

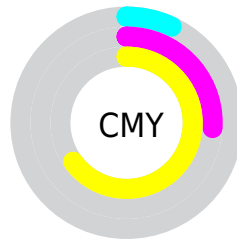


Cyan (0%)

Magenta (21%)

Yellow (63%)

Black (7%)



Cyan (7%)

Magenta (26%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EEBC58 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 EEBC58 by changing the saturation by 10% instead.



 EEBC58

 EEBC58

FFFFFF

 D0A13E

 FFF48D

 B38722

 FFFFA9

 966E00

 FFFFC5

 795600

 FFFFE1

 5E3F00

FFFFFFE

 422900

 291500

 070000

 000000

 EEBC58

 EEBC58

 EEB440

 EEC470

 EEAC28

 EECC88

 EEA411

 EED49F

 EE9F00

 EEDCB7

 EEE4CF

 EEECE7

 EEF4FF

 EEFBFF

 EEEFFF

# Harmonies

## Analogous

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



FFA971



EEBC58



BBCD5E

# Triad

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



EEBC58



00DEEA



F8A6FF

# Complementary

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



EEBC58



588AEE

# 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.



B2BBFF



EEBC58



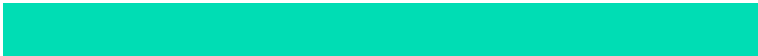
00D9FF

# Square

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



EEBC58



00DDB4



34CDFE



FF98D3

# Rectangle

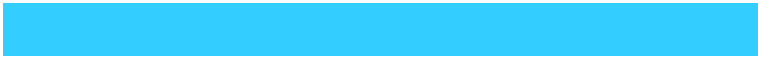
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EEBC58



93D573



34CDFF



E4ADFF



# Sweetspot

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



EEBC58



FFEFCF



EE588A



807662



000000



808080



# Same Dimension

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



EEBC58



FFBE3D



D5EE58



78746C



B87A00



382500



# Inverse Universe

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



588AEE



3D7EFF



7158EE



6C7078



003DB8



001338



# Previews

## White Background



This preview shows how the Hex color EEBC58 looks on a white background.

## Color Contrast Check

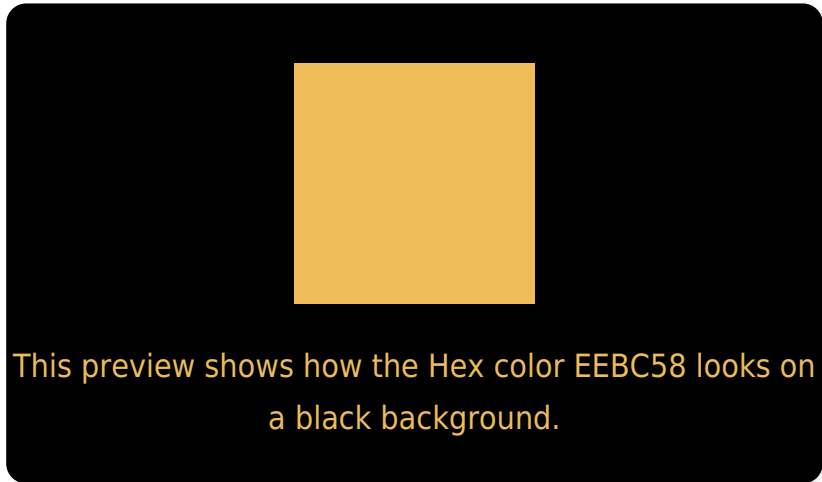
Large Text (above 18pt) WCAG AA × Fail

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 EEBC58 Background



This preview shows how black text looks on a background with the Hex color EEBC58.

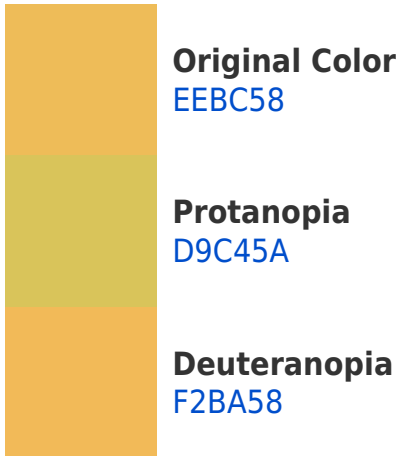


This preview shows how white text looks on a background with the Hex color EEBC58.

# 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](#).

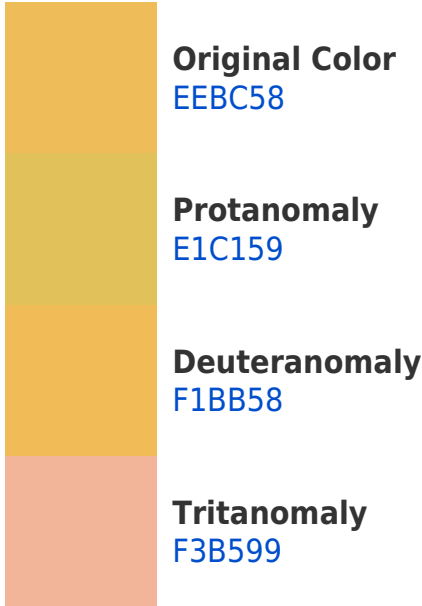
## Dichromacy



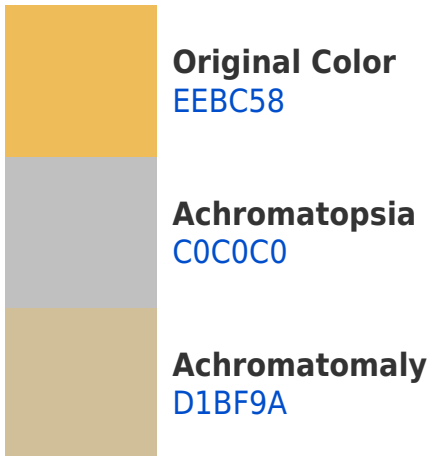


**Tritanopia**  
F6B1BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EEBC58 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 #EEBC58 looks like.

```
.text, #text, p{  
    color:#EEBC58  
}
```

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 #EEBC58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEBC58  
}
```

## Border

The CSS property to change the border of an element to Hex EEBC58 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  
#EEBC58 }
```

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

```
.border{ border-color:#EEBC58 }
```

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

Here you see how a box with a 4 pixel #EEBC58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEBC58; -webkit-box-shadow:4px 4px  
4px 4px #EEBC58; box-shadow:4px 4px 4px  
4px #EEBC58 }
```

# Background

The CSS property to change the background color of an element to Hex EEBC58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEBC58 }
```

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

```
.background{ background-color:#EEBC58 }
```

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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