

# Converting Colors

Hex(EBB809)

Have a look what the booklet for  
Hex(EBB809) contains.

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**Color**

**Hex(EBB809)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBB809
RGB	235, 184, 9
RGB Percent	92%, 72%, 4%
CMY	0.0784, 0.2784, 0.9647
CMYK	0.00, 0.22, 0.96, 0.08
HSL	46°, 93%, 48%
HSV	46°, 96%, 92%
XYZ	51.4507, 51.9629, 7.5765
YIQ	179.2990, 86.5710, -43.6130

# Conversions

## Conversions Part 2

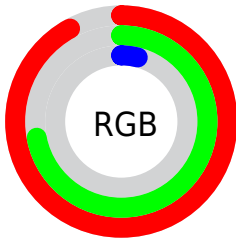
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">75, 235, 9</a>
Decimal	<a href="#">15448073</a>
CIELab	<a href="#">77.26, 5.52, 78.53</a>
CIELCh	<a href="#">77, 78.722, 85.981</a>
Yxy	<a href="#">51.9629, 0.4636, 0.4682</a>
Android (android.graphics.Color)	<a href="#">4293638153 (0xFFEBB809)</a>
YUV	<a href="#">179.2990, -83.9574, 48.8498</a>
Hunter-Lab	<a href="#">72.0853, 1.2548, 44.2280</a>

# Details

The Hex color **EBB809** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **093CEB**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFF055**, and **AE8300** is the 20% darker color. If you saturate the color by 10%, you get **EBB600**, and if you desaturate by 10%, it is **EBBD20**.

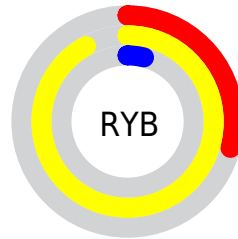
# Distribution



Red (92%)

Green (72%)

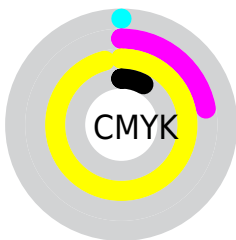
Blue (4%)



Red (29%)

Yellow (92%)

Blue (4%)

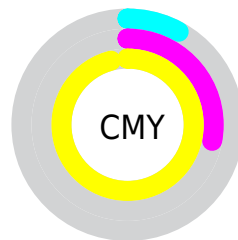


Cyan (0%)

Magenta (22%)

Yellow (96%)

Black (8%)



Cyan (8%)

Magenta (28%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBB809 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 EBB809 by changing the saturation by 10% instead.



 EBB809

 EBB809

FFFFFF

 CC9D00

 FFF055

 AE8300

 FFFF72

 906B00

 FFFF8E

 735300

 FFFFAB

 573C00

 FFFFC8

 3C2700

 FFFF E5

 231300

 000000

 EBB809

 EBB809

 EBB600

 EBBD20

 EBC338

 EBC84F

 EBCD67

 EBD37E

 EBD896

 EBDDAD

 EBE2C5

 EBE8DC

# Harmonies

## Analogous

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



FF9B44



EBB809



A5CD27

# Triad

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



EBB809



00E0FD



FF8EFF

# Complementary

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



EBB809



093CEB

# 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.



ABB0FF



EBB809



00DAFF

# Square

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



EBB809



00E0B2



00CAFF



FF77CC

# Rectangle

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



EBB809



67D751



00CAFF



F399FF



# Sweetspot

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



EBB809



FFEEB5



EB093E



807553



000000



808080



# Same Dimension

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



EBB809



FFC500



AFE809



75736A



B58C00



362900



# Inverse Universe

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



093CEB



003AFF



4509EB



6A6C75



0029B5



000C36



# Previews

## White Background



This preview shows how the Hex color EBB809 looks on a white background.

## Color Contrast Check

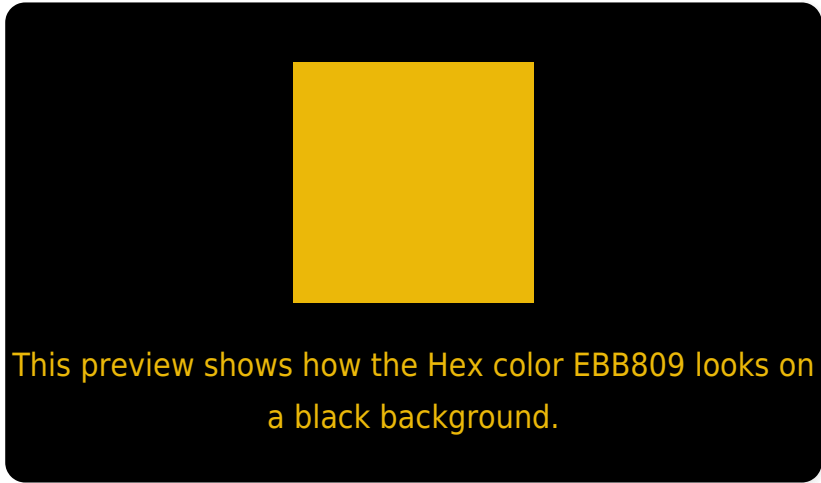
Large Text (above 18pt) WCAG AA × Fail

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 EBB809 Background



This preview shows how black text looks on a background with the Hex color EBB809.



This preview shows how white text looks on a background with the Hex color EBB809.

# 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**  
EBB809

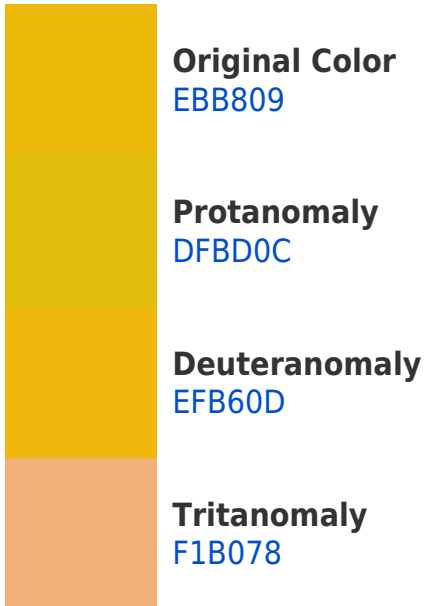
**Protanopia**  
D8C00E

**Deuteranopia**  
F2B50F



**Tritanopia**  
F4ABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBB809 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 #EBB809 looks like.

```
.text, #text, p{  
    color:#EBB809  
}
```

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 #EBB809 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBB809
}
```

## Border

The CSS property to change the border of an element to Hex EBB809 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
#EBB809 }
```

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

```
.border{ border-color:#EBB809 }
```

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

Here you see how a box with a 4 pixel #EBB809 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBB809; -webkit-box-shadow:4px 4px  
4px 4px #EBB809; box-shadow:4px 4px 4px  
4px #EBB809 }
```

# Background

The CSS property to change the background color of an element to Hex EBB809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBB809 }
```

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

```
.background{ background-color:#EBB809 }
```

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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