

# Converting Colors

Hex(E9BF0B)

Have a look what the booklet for  
Hex(E9BF0B) contains.

<b>Hex(E9BF0B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E9BF0B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9BF0B
RGB	233, 191, 11
RGB Percent	91%, 75%, 4%
CMY	0.0863, 0.2510, 0.9569
CMYK	0.00, 0.18, 0.95, 0.09
HSL	49°, 91%, 48%
HSV	49°, 95%, 91%
XYZ	52.2955, 54.6094, 8.1010
YIQ	183.0380, 82.8120, -47.0760

# Conversions

## Conversions Part 2

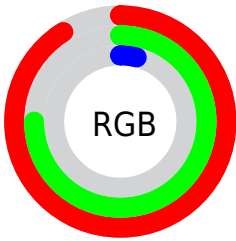
Format	Color
<b>RYB</b>	63, 233, 11
Decimal	15318795
CIELab	78.82, 1.02, 79.36
CIELCh	79, 79.364, 89.261
Yxy	54.6094, 0.4547, 0.4748
Android (android.graphics.Color)	4293508875 (0xFFE9BF0B)
YUV	183.0380, -84.8147, 43.8167
Hunter-Lab	73.8982, -3.0028, 45.2291

# Details

The Hex color **E9BF0B** 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 **0B35E9**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFF756**, and **AC8A00** is the 20% darker color. If you saturate the color by 10%, you get **E9BD00**, and if you desaturate by 10%, it is **E9C322**.

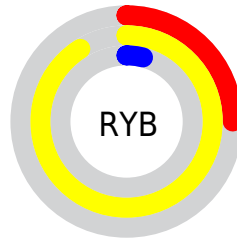
# Distribution



Red (91%)

Green (75%)

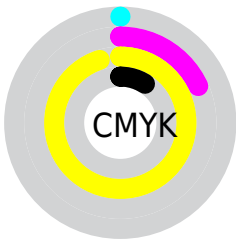
Blue (4%)



Red (25%)

Yellow (91%)

Blue (4%)

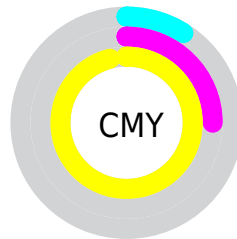


Cyan (0%)

Magenta (18%)

Yellow (95%)

Black (9%)



Cyan (9%)

Magenta (25%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9BF0B 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 E9BF0B by changing the saturation by 10% instead.



 E9BF0B

 E9BF0B

FFFFFF

 CAA400

 FFF756

 AC8A00

 FFFF73

 8F7100

 FFFF90

 725900

 FFFFAD

 554200

 FFFFCA

 3B2C00

 FFFFEB

 221800

 000000

 E9BF0B

 E9BF0B

 E9BD00

 E9C322

 E9C83A

 E9CC51

 E9D168

 E9D580

 E9D997

 E9DEAE

 E9E2C5

 E9E7DD

# Harmonies

## Analogous

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



FFA240



E9BF0B



A0D431

# Triad

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



E9BF0B



00E5FF



FF8FFF

# Complementary

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



E9BF0B



0B35E9

# 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.



BEB0FF



E9BF0B



00DEFF

# Square

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



E9BF0B



00E5BF



00CCFF



FF7AC8

# Rectangle

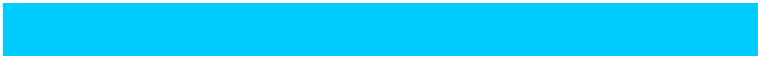
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E9BF0B



5DDD5C



00CCFF



FF9AFF



# Sweetspot

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



E9BF0B



FFF1B5



E90B37



807753



000000



808080



# Same Dimension

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



E9BF0B



FFCF00



A6E90B



75736A



B59300



362B00



# Inverse Universe

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



0B35E9



0030FF



4E0BE9



6A6C75



0022B5



000A36



# Previews

## White Background



This preview shows how the Hex color E9BF0B looks on a white background.

## Color Contrast Check

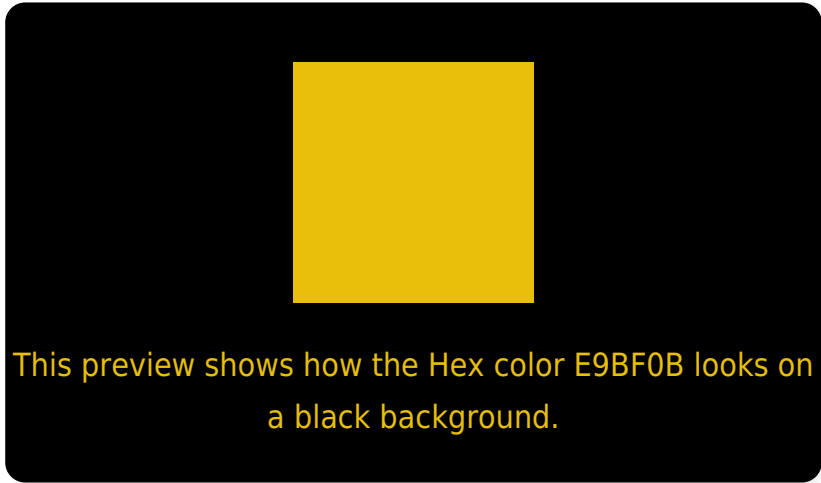
Large Text (above 18pt) WCAG AA × Fail

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 E9BF0B Background



This preview shows how black text looks on a background with the Hex color E9BF0B.



This preview shows how white text looks on a background with the Hex color E9BF0B.

# 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**  
E9BF0B

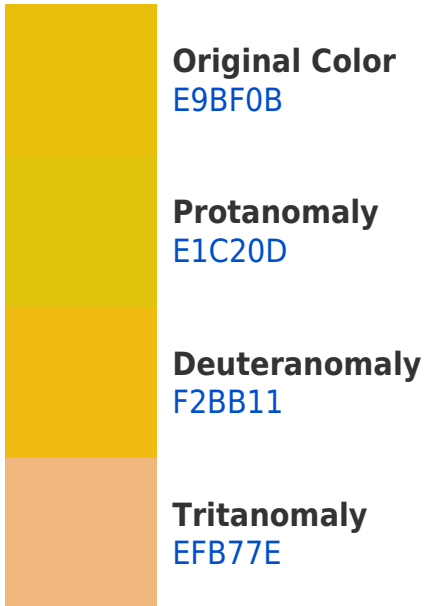
**Protanopia**  
DCC40E

**Deuteranopia**  
F7B915



**Tritanopia**  
F3B2BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9BF0B 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 #E9BF0B looks like.

```
.text, #text, p{  
    color:#E9BF0B  
}
```

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 #E9BF0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9BF0B
}
```

## Border

The CSS property to change the border of an element to Hex E9BF0B 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
#E9BF0B }
```

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

```
.border{ border-color:#E9BF0B }
```

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

Here you see how a box with a 4 pixel #E9BF0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9BF0B; -webkit-box-shadow:4px 4px  
4px 4px #E9BF0B; box-shadow:4px 4px 4px  
4px #E9BF0B }
```

# Background

The CSS property to change the background color of an element to Hex E9BF0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9BF0B }
```

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

```
.background{ background-color:#E9BF0B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor