

Converting Colors

Hex(EFB937)

Have a look what the booklet for
Hex(EFB937) contains.

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Color

Hex(EFB937)

Conversions

Conversions Part 1

Format	Color
Hex	EFB937
RGB	239, 185, 55
RGB Percent	94%, 73%, 22%
CMY	0.0627, 0.2745, 0.7843
CMYK	0.00, 0.23, 0.77, 0.06
HSL	42°, 85%, 58%
HSV	42°, 77%, 94%
XYZ	53.6352, 53.3245, 11.0802
YIQ	186.3260, 73.9140, -28.9820

Conversions

Conversions Part 2

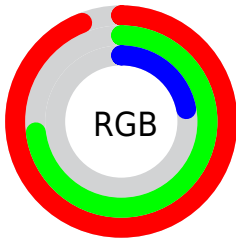
Format	Color
RYB	131, 239, 55
Decimal	15710519
CIELab	78.07, 7.72, 68.81
CIELCh	78, 69.241, 83.596
Yxy	53.3245, 0.4544, 0.4517
Android (android.graphics.Color)	4293900599 (0xFFEFB937)
YUV	186.3260, -64.7437, 46.1951
Hunter-Lab	73.0236, 3.3152, 42.1202

Details

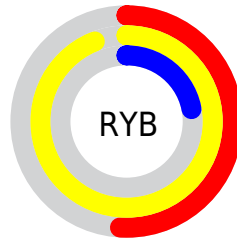
The Hex color **EFB937** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **376DEF**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFF16F**, and **B28400** is the 20% darker color. If you saturate the color by 10%, you get **EFB21F**, and if you desaturate by 10%, it is **EFC04F**.

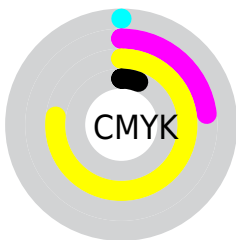
Distribution



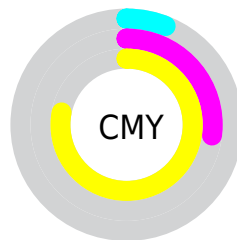
- Red (94%)
- Green (73%)
- Blue (22%)



- Red (51%)
- Yellow (94%)
- Blue (22%)



- Cyan (0%)
- Magenta (23%)
- Yellow (77%)
- Black (6%)



- Cyan (6%)
- Magenta (27%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color EFB937 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 EFB937 by changing the saturation by 10% instead.

 EFB937

 EFB937

FFFFFF

 D09E15

 FFF16F

 B28400

 FFFF8B

 956B00

 FFFFA7

 785300

 FFFFC3

 5C3D00

 FFFFEO

 402700

FFFFFFE

 271300

 000000

 EFB937

 EFB937

 EFB21F

 EFC04F

 EFAB07

 EFC767

 EFA900

 EFCE7F

 EFD597

 EFDCAE

 EFE3C6

 EFEADE

 EFF1F6

 EFF8FF

Harmonies

Analogous

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



FFA05A



EFB937



B2CD41

Triad

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



EFB937



00E0F3



FF9AFF

Complementary

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



EFB937



376DEF

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.



AAB6FF



EFB937



00DAFF

Square

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



EFB937



00DFB1



00CCFF



FF87D2

Rectangle

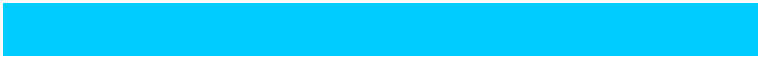
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EFB937



7FD65E



00CCFF



EAA3FF

Sweetspot

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



EFB937



FFEEC4



EF376E



80755C



000000



808080

Same Dimension

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



EFB937



FFBA14



CAEF37



78746C



B88200



382800

Inverse Universe

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



376DEF



1459FF



5C37EF



6C6F78



0036B8



001038

Previews

White Background



This preview shows how the Hex color EFB937 looks on a white background.

Color Contrast Check

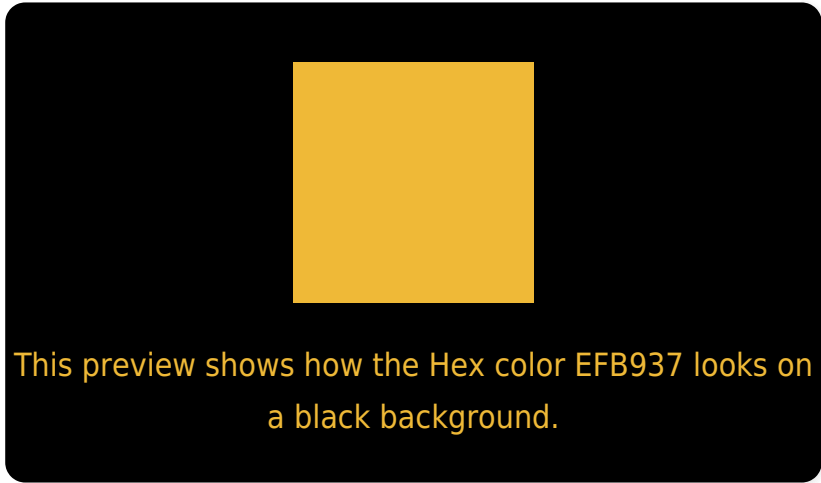
Large Text (above 18pt) WCAG AA × Fail

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 EFB937 Background



This preview shows how black text looks on a background with the Hex color EFB937.



This preview shows how white text looks on a background with the Hex color EFB937.

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
EFB937

Protanopia
D9C239

Deuteranopia
F3B738



Tritanopia
F8ADBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EFB937 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 #EFB937 looks like.

```
.text, #text, p{  
    color:#EFB937  
}
```

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 #EFB937 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFB937
}
```

Border

The CSS property to change the border of an element to Hex EFB937 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
#EFB937 }
```

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

```
.border{ border-color:#EFB937 }
```

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

Here you see how a box with a 4 pixel #EFB937 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFB937; -webkit-box-shadow:4px 4px  
4px 4px #EFB937; box-shadow:4px 4px 4px  
4px #EFB937 }
```

Background

The CSS property to change the background color of an element to Hex EFB937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFB937 }
```

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

```
.background{ background-color:#EFB937 }
```

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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