

Converting Colors

Hex(EDB80C)

Have a look what the booklet for
Hex(EDB80C) contains.

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Color

Hex(EDB80C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EDB80C |
| RGB | 237, 184, 12 |
| RGB Percent | 93%, 72%, 5% |
| CMY | 0.0706, 0.2784, 0.9529 |
| CMYK | 0.00, 0.22, 0.95, 0.07 |
| HSL | 46°, 90%, 49% |
| HSV | 46°, 95%, 93% |
| XYZ | 52.1319, 52.3120, 7.6974 |
| YIQ | 180.2390, 86.8000, -42.2560 |

Conversions

Conversions Part 2

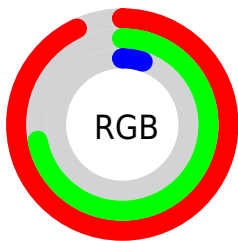
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 81, 237, 12 |
| Decimal | 15579148 |
| CIE Lab | 77.47, 6.41, 78.45 |
| CIE LCh | 77, 78.714, 85.330 |
| Yxy | 52.3120, 0.4649, 0.4665 |
| Android (android.graphics.Color) | 4293769228 (0xFFEDB80C) |
| YUV | 180.2390, -82.9418, 49.7794 |
| Hunter-Lab | 72.3271, 2.0869, 44.3190 |

Details

The Hex color **EDB80C** 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 **0C41ED**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFF056**, and **B08300** is the 20% darker color. If you saturate the color by 10%, you get **EDB500**, and if you desaturate by 10%, it is **EDBE24**.

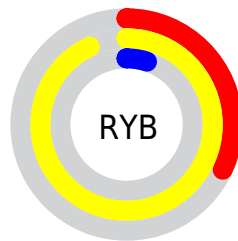
Distribution



Red (93%)

Green (72%)

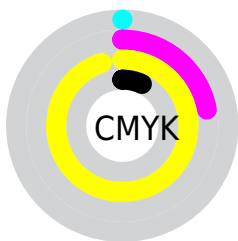
Blue (5%)



Red (32%)

Yellow (93%)

Blue (5%)

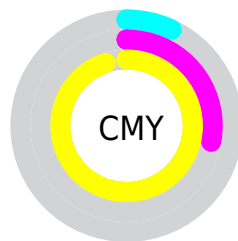


Cyan (0%)

Magenta (22%)

Yellow (95%)

Black (7%)



Cyan (7%)

Magenta (28%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color EDB80C 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 EDB80C by changing the saturation by 10% instead.

 EDB80C

 EDB80C

FFFFFF

 CE9D00

 FFF056

 B08300

 FFFF72

 926B00

 FFFF8F

 755300

 FFFFAC

 583C00

 FFFFC9

 3D2700

 FFFFEE

 241300

 000000

 EDB80C

 EDB80C

■ EDB500

■ EDBE24

■ EDC33B

■ EDC953

■ EDCE6B

■ EDD483

■ EDD99A

■ EDDFB2

■ EDE5CA

■ EDEAE1

Harmonies

Analogous

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



FF9A45



EDB80C



A7CE26

Triad

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



EDB80C



00E1FC



FF90FF

Complementary

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



EDB80C



0C41ED

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.



A9B1FF



EDB80C



00DBFF

Square

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



EDB80C



00E1B1



00CBFF



FF78CE

Rectangle

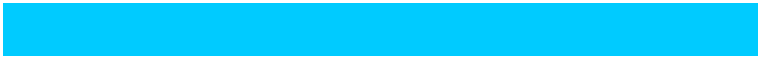
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EDB80C



6AD751



00CBFF



F29BFF

Sweetspot

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



EDB80C



FFEEB8



ED0C44



807554



000000



808080

Same Dimension

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



EDB80C



FFC300



B5ED0C



75736A



B58A00



362900

Inverse Universe

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



0C41ED



003CFF



440CED



6A6C75



002BB5



000D36

Previews

White Background



This preview shows how the Hex color EDB80C looks on a white background.

Color Contrast Check

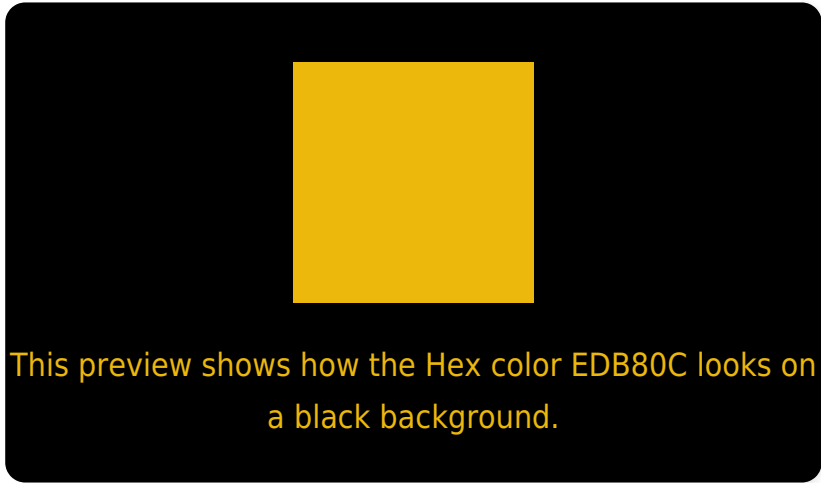
Large Text (above 18pt) WCAG AA × Fail

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 EDB80C Background



This preview shows how black text looks on a background with the Hex color EDB80C.



This preview shows how white text looks on a background with the Hex color EDB80C.

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
EDB80C

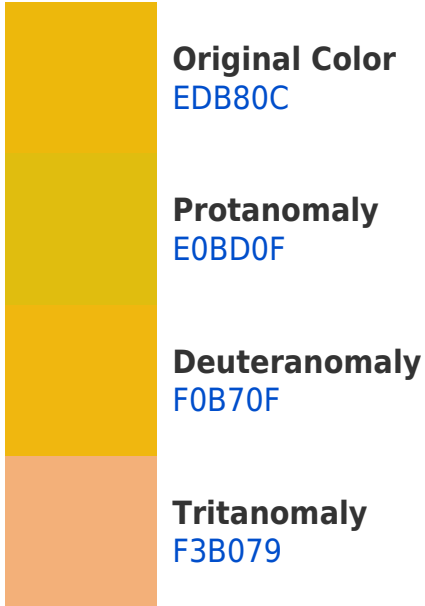
Protanopia
D8C010

Deuteranopia
F2B610



Tritanopia
F6ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EDB80C 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 #EDB80C looks like.

```
.text, #text, p{  
    color:#EDB80C  
}
```

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 #EDB80C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EDB80C
}
```

Border

The CSS property to change the border of an element to Hex EDB80C 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
#EDB80C }
```

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

```
.border{ border-color:#EDB80C }
```

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

Here you see how a box with a 4 pixel #EDB80C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EDB80C; -webkit-box-shadow:4px 4px  
4px 4px #EDB80C; box-shadow:4px 4px 4px  
4px #EDB80C }
```

Background

The CSS property to change the background color of an element to Hex EDB80C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EDB80C }
```

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

```
.background{ background-color:#EDB80C }
```

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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