

Converting Colors

Hex(E5B10C)

Have a look what the booklet for
Hex(E5B10C) contains.

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Color

Hex(E5B10C)

Conversions

Conversions Part 1

Format	Color
Hex	E5B10C
RGB	229, 177, 12
RGB Percent	90%, 69%, 5%
CMY	0.1020, 0.3059, 0.9529
CMYK	0.00, 0.23, 0.95, 0.10
HSL	46°, 90%, 47%
HSV	46°, 95%, 90%
XYZ	48.1016, 48.1288, 7.1024
YIQ	173.7380, 83.9570, -40.2910

Conversions

Conversions Part 2

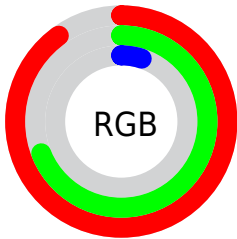
Format	Color
RYB	80, 229, 12
Decimal	15053068
CIELab	74.91, 6.62, 76.23
CIELCh	75, 76.512, 85.039
Yxy	48.1288, 0.4655, 0.4658
Android (android.graphics.Color)	4293243148 (0xFFE5B10C)
YUV	173.7380, -79.7368, 48.4648
Hunter-Lab	69.3750, 2.3580, 42.4925

Details

The Hex color **E5B10C** 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 **0C40E5**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFE854**, and **A87D00** is the 20% darker color. If you saturate the color by 10%, you get **E5AE00**, and if you desaturate by 10%, it is **E5B623**.

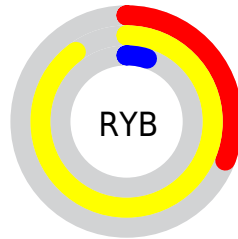
Distribution



Red (90%)

Green (69%)

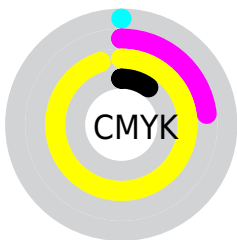
Blue (5%)



Red (31%)

Yellow (90%)

Blue (5%)

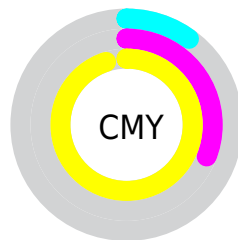


Cyan (0%)

Magenta (23%)

Yellow (95%)

Black (10%)



Cyan (10%)

Magenta (31%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5B10C 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 E5B10C by changing the saturation by 10% instead.

 E5B10C

 E5B10C

FFFFFF

 C69700

 FFE854

 A87D00

 FFFF71

 8B6400

 FFFF8D

 6E4D00

 FFFFA9

 523600

 FFFFC6

 372100

 FFFF E4

 1F0C00

 000000

 E5B10C

 E5B10C

 E5AE00

 E5B623

 E5BC3A

 E5C151

 E5C768

 E5CC7E

 E5D295

 E5D7AC

 E5DDC3

 E5E2DA

Harmonies

Analogous

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



FF9443



E5B10C



A2C624

Triad

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



E5B10C



00D9F2



FF8BFF

Complementary

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



E5B10C



0C40E5

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.



A1ABFF



E5B10C



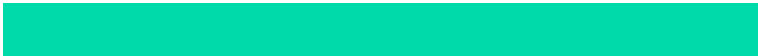
00D3FF

Square

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



E5B10C



00D9AA



00C4FF



FF73C7

Rectangle

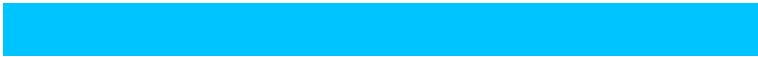
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5B10C



67CF4D



00C4FF



E895FF

Sweetspot

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



E5B10C



FFEEB8



E50C42



807554



000000



808080

Same Dimension

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



E5B10C



FFC200



AFE50C



737067



B38800



332700

Inverse Universe

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



0C40E5



003DFF



420CE5



676A73



002BB3



000C33

Previews

White Background



This preview shows how the Hex color E5B10C looks on a white background.

Color Contrast Check

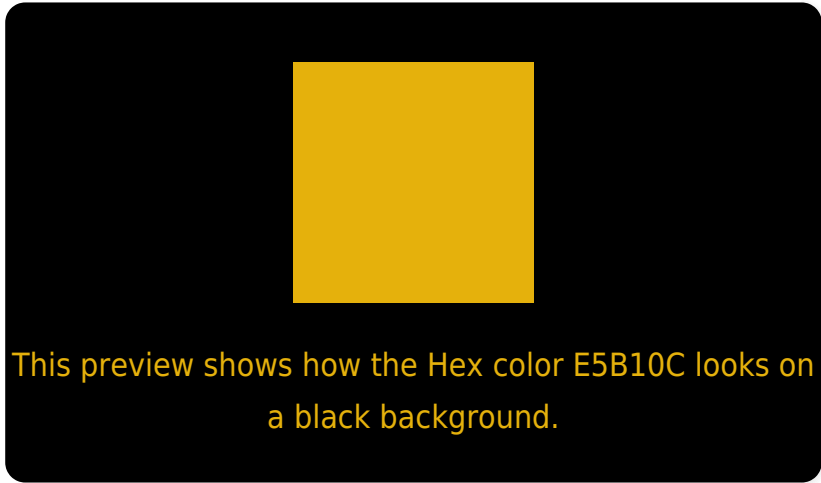
Large Text (above 18pt) WCAG AA × Fail

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 E5B10C Background



This preview shows how black text looks on a background with the Hex color E5B10C.



This preview shows how white text looks on a background with the Hex color E5B10C.

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
E5B10C

Protanopia
D0B910

Deuteranopia
E9AF10



Tritanopia
EEA5B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E5B10C 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 #E5B10C looks like.

```
.text, #text, p{  
    color:#E5B10C  
}
```

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 #E5B10C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5B10C
}
```

Border

The CSS property to change the border of an element to Hex E5B10C 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
#E5B10C }
```

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

```
.border{ border-color:#E5B10C }
```

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

Here you see how a box with a 4 pixel #E5B10C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5B10C; -webkit-box-shadow:4px 4px  
4px 4px #E5B10C; box-shadow:4px 4px 4px  
4px #E5B10C }
```

Background

The CSS property to change the background color of an element to Hex E5B10C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5B10C }
```

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

```
.background{ background-color:#E5B10C }
```

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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