

# Converting Colors

Hex(E1B30C)

Have a look what the booklet for  
Hex(E1B30C) contains.

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**Color**

**Hex(E1B30C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1B30C
RGB	225, 179, 12
RGB Percent	88%, 70%, 5%
CMY	0.1176, 0.2980, 0.9529
CMYK	0.00, 0.20, 0.95, 0.12
HSL	47°, 90%, 46%
HSV	47°, 95%, 88%
XYZ	47.2378, 48.2743, 7.1760
YIQ	173.7160, 81.0230, -42.1850

# Conversions

## Conversions Part 2

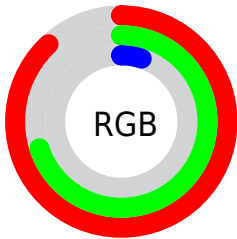
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 225, 12
Decimal	14791436
CIELab	75.00, 3.82, 76.11
CIELCh	75, 76.202, 87.125
Yxy	48.2743, 0.4600, 0.4701
Android (android.graphics.Color)	4292981516 (0xFFE1B30C)
YUV	173.7160, -79.7260, 44.9761
Hunter-Lab	69.4797, -0.2311, 42.5122

# Details

The Hex color **E1B30C** 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 **0C3AE1**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFEA54**, and **A57F00** is the 20% darker color. If you saturate the color by 10%, you get **E1B000**, and if you desaturate by 10%, it is **E1B823**.

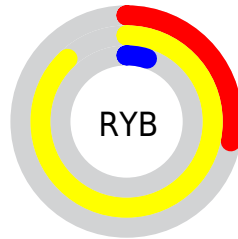
# Distribution



Red (88%)

Green (70%)

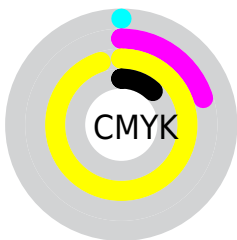
Blue (5%)



Red (28%)

Yellow (88%)

Blue (5%)

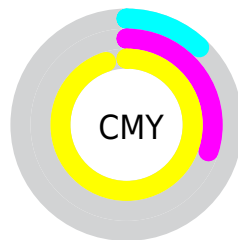


Cyan (0%)

Magenta (20%)

Yellow (95%)

Black (12%)



Cyan (12%)

Magenta (30%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1B30C 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 E1B30C by changing the saturation by 10% instead.



 E1B30C

 E1B30C

FFFFFF

 C39800

 FFEA54

 A57F00

 FFFF71

 876600

 FFFF8D

 6A4E00

 FFFFAA

 4E3800

 FFFFC7

 342300

 FFFF E4


 1C0E00

 000000

 E1B30C

 E1B30C

 E1B000

 E1B823

 E1BD39

 E1C24F

 E1C666

 E1CB7C

 E1D093

 E1D5AA

 E1DAC0

 E1DFD6

# Harmonies

## Analogous

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



FF9740



E1B30C



9DC729

# Triad

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



E1B30C



00D9F7



FF89FF

# Complementary

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



E1B30C



0C3AE1

# 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.



ABA9FF



E1B30C



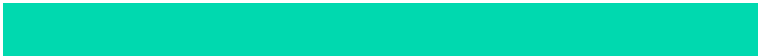
00D3FF

# Square

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



E1B30C



00D9AF



00C3FF



FF73C2

# Rectangle

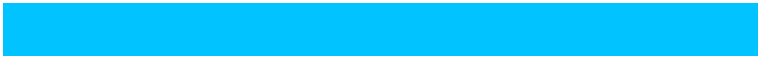
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E1B30C



60D052



00C3FF



EE94FF



# Sweetspot

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



E1B30C



FFF0B8



E10C3A



807654



000000



808080



# Same Dimension

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



E1B30C



FFC800



A5E10C



706E65



B08A00



302600



# Inverse Universe

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



0C3AE1



0037FF



480CE1



656770



0026B0



000A30



# Previews

## White Background



This preview shows how the Hex color E1B30C looks on a white background.

## Color Contrast Check

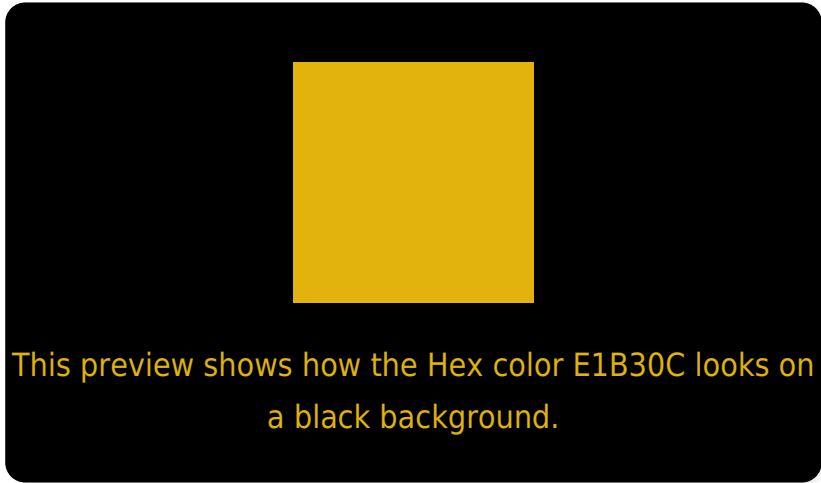
Large Text (above 18pt) WCAG AA × Fail

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 E1B30C Background



This preview shows how black text looks on a background with the Hex color E1B30C.



This preview shows how white text looks on a background with the Hex color E1B30C.

# 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**  
E1B30C

**Protanopia**  
D1B90F

**Deuteranopia**  
EAAF12



**Tritanopia**  
EAA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1B30C 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 #E1B30C looks like.

```
.text, #text, p{  
    color:#E1B30C  
}
```

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 #E1B30C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1B30C
}
```

## Border

The CSS property to change the border of an element to Hex E1B30C 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
#E1B30C }
```

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

```
.border{ border-color:#E1B30C }
```

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

Here you see how a box with a 4 pixel #E1B30C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1B30C; -webkit-box-shadow:4px 4px  
4px 4px #E1B30C; box-shadow:4px 4px 4px  
4px #E1B30C }
```

# Background

The CSS property to change the background color of an element to Hex E1B30C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1B30C }
```

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

```
.background{ background-color:#E1B30C }
```

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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