

# Converting Colors

Hex(E1B44C)

Have a look what the booklet for  
Hex(E1B44C) contains.

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# **Color**

**Hex(E1B44C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1B44C
RGB	225, 180, 76
RGB Percent	88%, 71%, 30%
CMY	0.1176, 0.2941, 0.7020
CMYK	0.00, 0.20, 0.66, 0.12
HSL	42°, 71%, 59%
HSV	42°, 66%, 88%
XYZ	48.6771, 49.1719, 13.7630
YIQ	181.5990, 60.2040, -22.8040

# Conversions

## Conversions Part 2

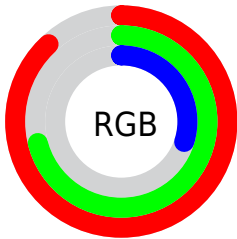
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 225, 76
Decimal	14791756
CIELab	75.56, 5.39, 57.49
CIELCh	76, 57.738, 84.645
Yxy	49.1719, 0.4361, 0.4406
Android (android.graphics.Color)	4292981836 (0xFFE1B44C)
YUV	181.5990, -52.0603, 38.0627
Hunter-Lab	70.1227, 1.1948, 37.4490

# Details

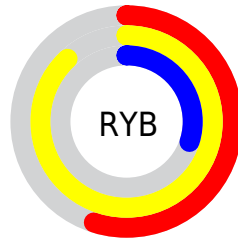
The Hex color **E1B44C** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **4C79E1**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFEC81**, and **A68013** is the 20% darker color. If you saturate the color by 10%, you get **E1AD36**, and if you desaturate by 10%, it is **E1BB63**.

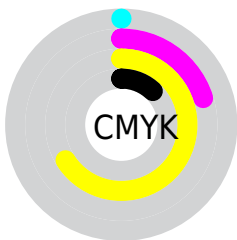
# Distribution



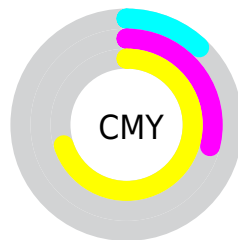
- Red (88%)
- Green (71%)
- Blue (30%)



- Red (55%)
- Yellow (88%)
- Blue (30%)



- Cyan (0%)
- Magenta (20%)
- Yellow (66%)
- Black (12%)



- Cyan (12%)
- Magenta (29%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1B44C 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 E1B44C by changing the saturation by 10% instead.



 E1B44C

 E1B44C

FFFFFF

 C39931

 FFEC81

 A68013

 FFFF9C

 896700

 FFFFB8

 6D4F00

 FFFFDD

 523800

 FFFFF2

 372300

 1F0F00

 000000

 E1B44C

 E1B44C

 E1AD36

 E1BB63

 E1A61F

 E1C279

 E1A009

 E1C890

 E19D00

 E1CFA6

 E1D6BD

 E1DDD3

 E1E4EA

 E1EAFF

 E1F1FF

# Harmonies

## Analogous

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



FFA064



E1B44C



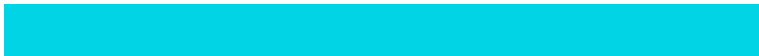
ADC454

# Triad

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



E1B44C



00D4E5



F39BF8

# Complementary

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



E1B44C



4C79E1

# 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.



AEB0FF



E1B44C



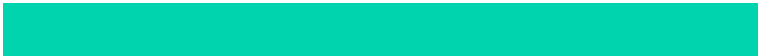
00CFFF

# Square

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



E1B44C



00D4AE



26C3FF



FF8DC6

# Rectangle

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



E1B44C



84CC6B



26C3FF



DFA2FF



# Sweetspot

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



E1B44C



FFF0CC



E14C7B



807661



000000



808080



# Same Dimension

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



E1B44C



FFC236



C6E14C



706D65



B07B00



302200



# Inverse Universe

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



4C79E1



3672FF



674CE1



656870



0035B0



000F30



# Previews

## White Background



This preview shows how the Hex color E1B44C looks on a white background.

## Color Contrast Check

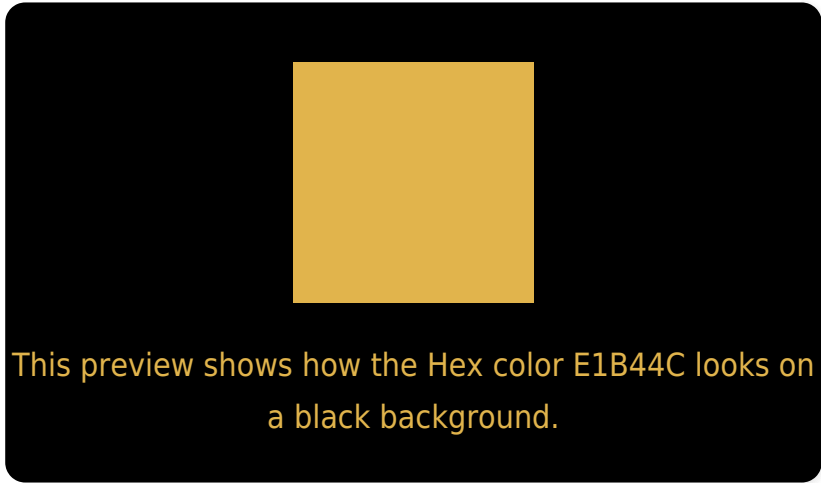
Large Text (above 18pt) WCAG AA × Fail

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 E1B44C Background



This preview shows how black text looks on a background with the Hex color E1B44C.



This preview shows how white text looks on a background with the Hex color E1B44C.

# 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**  
E1B44C

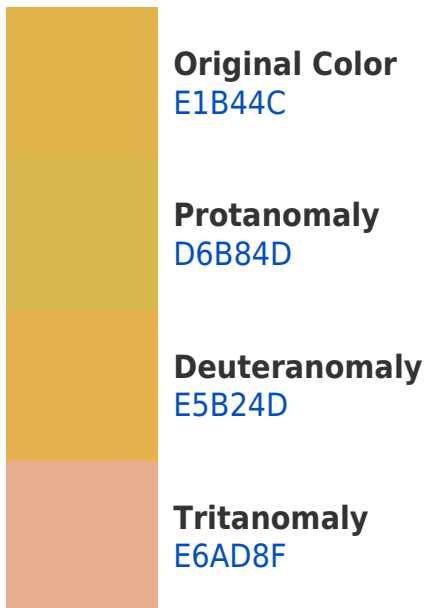
**Protanopia**  
CFBB4E

**Deuteranopia**  
E8B14D

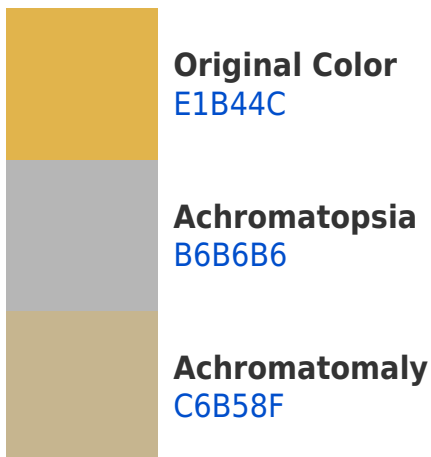


**Tritanopia**  
E9A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1B44C 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 #E1B44C looks like.

```
.text, #text, p{  
    color:#E1B44C  
}
```

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 #E1B44C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1B44C
}
```

## Border

The CSS property to change the border of an element to Hex E1B44C 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
#E1B44C }
```

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

```
.border{ border-color:#E1B44C }
```

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

Here you see how a box with a 4 pixel #E1B44C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1B44C; -webkit-box-shadow:4px 4px  
4px 4px #E1B44C; box-shadow:4px 4px 4px  
4px #E1B44C }
```

# Background

The CSS property to change the background color of an element to Hex E1B44C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1B44C }
```

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

```
.background{ background-color:#E1B44C }
```

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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