

# Converting Colors

Hex(E1B34B)

Have a look what the booklet for  
Hex(E1B34B) contains.

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# **Color**

**Hex(E1B34B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1B34B
RGB	225, 179, 75
RGB Percent	88%, 70%, 29%
CMY	0.1176, 0.2980, 0.7059
CMYK	0.00, 0.20, 0.67, 0.12
HSL	42°, 71%, 59%
HSV	42°, 67%, 88%
XYZ	48.4414, 48.7558, 13.5143
YIQ	180.8980, 60.8000, -22.5920

# Conversions

## Conversions Part 2

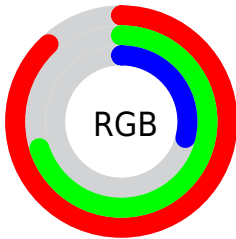
Format	Color
<a href="#">RYB</a>	<a href="#">141, 225, 75</a>
Decimal	<a href="#">14791499</a>
CIELab	<a href="#">75.30, 5.86, 57.65</a>
CIElCh	<a href="#">75, 57.945, 84.197</a>
Yxy	<a href="#">48.7558, 0.4375, 0.4404</a>
Android (android.graphics.Color)	<a href="#">4292981579 (0xFFE1B34B)</a>
YUV	<a href="#">180.8980, -52.2077, 38.6775</a>
Hunter-Lab	<a href="#">69.8253, 1.6404, 37.4025</a>

# Details

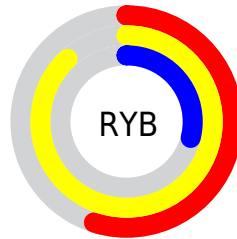
The Hex color **E1B34B** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **4B79E1**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFEB80**, and **A67F11** is the 20% darker color. If you saturate the color by 10%, you get **E1AC35**, and if you desaturate by 10%, it is **E1BA62**.

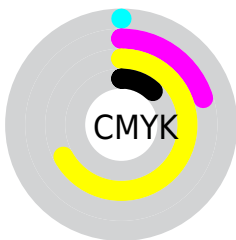
# Distribution



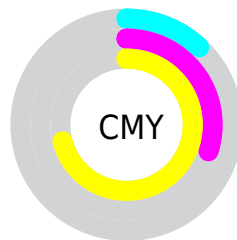
- Red (88%)
- Green (70%)
- Blue (29%)



- Red (55%)
- Yellow (88%)
- Blue (29%)



- Cyan (0%)
- Magenta (20%)
- Yellow (67%)
- Black (12%)




- Cyan (12%)
- Magenta (30%)
- Yellow (71%)


# Brightness & Saturation Gradients

These gradients show how the Hex color E1B34B 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 E1B34B by changing the saturation by 10% instead.



 E1B34B

 E1B34B

FFFFFF

 C39830

 FFE880

 A67F11

 FFFF9B

 896600

 FFFF80

 6D4E00

 FFFF60

 523700

 FFFF40

 372200


 1F0E00

 000000

 E1B34B

 E1B34B

 E1AC35

 E1BA62

 E1A51E

 E1C178

 E19E08

 E1C88F

 E19C00

 E1CFA5

 E1D6BC

 E1DCD2

 E1E3E9

 E1EAFB

 E1F1FF

# Harmonies

## Analogous

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



FF9F64



E1B34B



ADC353

# Triad

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



E1B34B



00D4E4



F19AF9

# Complementary

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



E1B34B



4B79E1

# 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.



ACB0FF



E1B34B



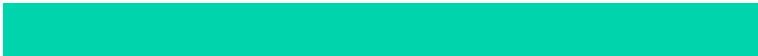
00CEFF

# Square

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



E1B34B



00D4AD



1BC2FF



FF8CC6

# Rectangle

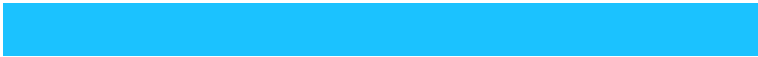
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E1B34B



84CB6A



1BC2FF



DEA1FF



# Sweetspot

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



E1B34B



FFEFCF



E14B7A



807661



000000



808080



# Same Dimension

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



E1B34B



FFC033



C5E14B



706D65



B07A00



302200



# Inverse Universe

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



4B79E1



3372FF



674BE1



656870



0036B0



000F30



# Previews

## White Background



This preview shows how the Hex color E1B34B looks on a white background.

## Color Contrast Check

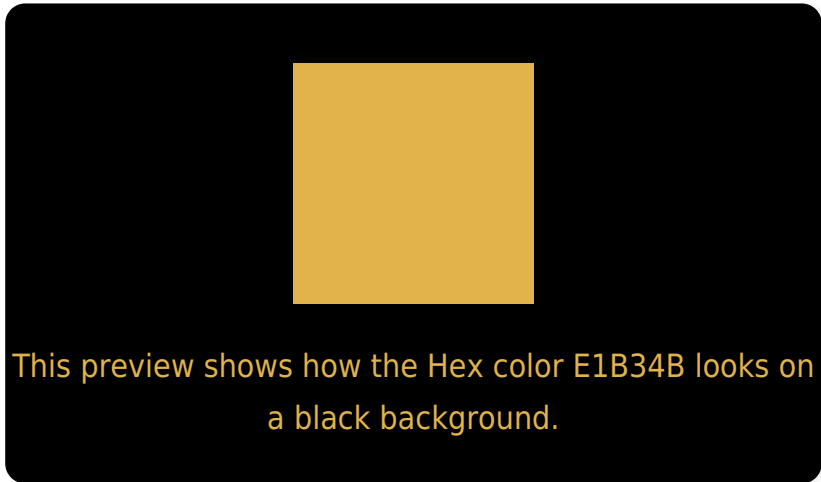
Large Text (above 18pt) WCAG AA × Fail

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

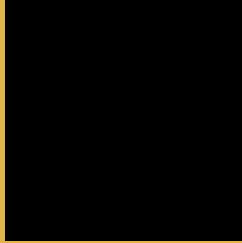
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E1B34B Background



This preview shows how black text looks on a background with the Hex color E1B34B.



This preview shows how white text looks on a background with the Hex color E1B34B.

# 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**  
E1B34B

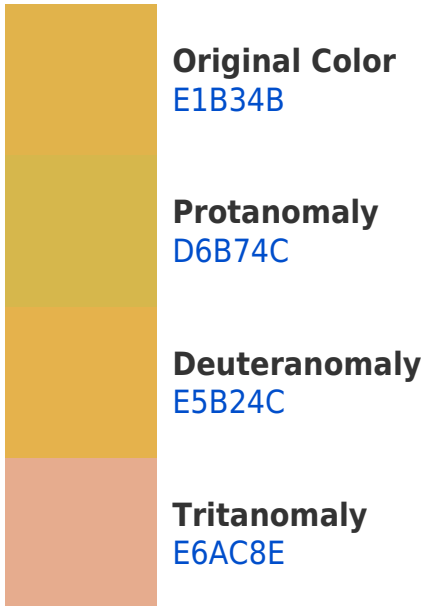
**Protanopia**  
CFBA4D

**Deuteranopia**  
E7B14C



**Tritanopia**  
E9A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1B34B 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 #E1B34B looks like.

```
.text, #text, p{  
    color:#E1B34B  
}
```

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 #E1B34B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1B34B
}
```

## Border

The CSS property to change the border of an element to Hex E1B34B 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
#E1B34B }
```

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

```
.border{ border-color:#E1B34B }
```

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

Here you see how a box with a 4 pixel #E1B34B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1B34B; -webkit-box-shadow:4px 4px  
4px 4px #E1B34B; box-shadow:4px 4px 4px  
4px #E1B34B }
```

# Background

The CSS property to change the background color of an element to Hex E1B34B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1B34B }
```

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

```
.background{ background-color:#E1B34B }
```

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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