

# Converting Colors

Hex(E1BE4B)

Have a look what the booklet for  
Hex(E1BE4B) contains.

<b>Hex(E1BE4B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E1BE4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1BE4B
RGB	225, 190, 75
RGB Percent	88%, 75%, 29%
CMY	0.1176, 0.2549, 0.7059
CMYK	0.00, 0.16, 0.67, 0.12
HSL	46°, 71%, 59%
HSV	46°, 67%, 88%
XYZ	50.7348, 53.3425, 14.2787
YIQ	187.3550, 57.7750, -28.3450

# Conversions

## Conversions Part 2

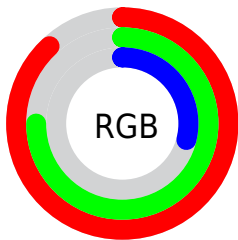
Format	Color
<a href="#">RYB</a>	<a href="#">121, 225, 75</a>
Decimal	<a href="#">14794315</a>
<a href="#">CIELab</a>	<a href="#">78.08, 0.09, 60.59</a>
<a href="#">CIElCh</a>	<a href="#">78, 60.591, 89.913</a>
<a href="#">Yxy</a>	<a href="#">53.3425, 0.4287, 0.4507</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4292984395 (0xFFE1BE4B)</a>
<a href="#">YUV</a>	<a href="#">187.3550, -55.3910, 33.0147</a>
<a href="#">Hunter-Lab</a>	<a href="#">73.0359, -3.8169, 39.5338</a>

# Details

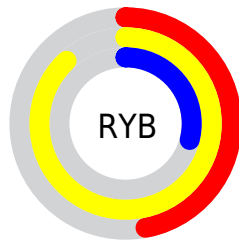
The Hex color **E1BE4B** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **4B6EE1**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFF681**, and **A6890D** is the 20% darker color. If you saturate the color by 10%, you get **E1B935**, and if you desaturate by 10%, it is **E1C362**.

# Distribution



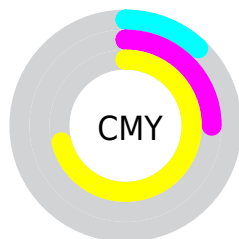
- Red (88%)
- Green (75%)
- Blue (29%)



- Red (47%)
- Yellow (88%)
- Blue (29%)



- Cyan (0%)
- Magenta (16%)
- Yellow (67%)
- Black (12%)



- Cyan (12%)
- Magenta (25%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1BE4B 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 E1BE4B by changing the saturation by 10% instead.



 E1BE4B

 E1BE4B

FFFFFF

 C3A32F

 FFF681

 A6890D

 FFFF9C

 897000

 FFFFB8

 6E5800

 FFFF D5

 524100

 FFFFF2

 382B00

 1F1700

 000000

 E1BE4B

 E1BE4B

 E1B935

 E1C362

 E1B41E

 E1C978

 E1AE08

 E1CE8F

 E1AD00

 E1D3A5

 E1D8BC

 E1DED2

 E1E3E9

 E1E8FF

 E1EDFF

# Harmonies

## Analogous

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



FFA960



E1BE4B



A8CE5A

# Triad

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



E1BE4B



00DCF8



FF9CFA

# Complementary

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



E1BE4B



4B6EE1

# 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.



C3B2FF



E1BE4B



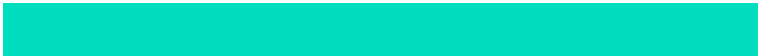
00D5FF

# Square

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



E1BE4B



00DDBF



4CC7FF



FF90C4

# Rectangle

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



E1BE4B



7AD676



4CC7FF



F4A3FF



# Sweetspot

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



E1BE4B



FFF3CC



E14B6E



807861



000000



808080



# Same Dimension

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



E1BE4B



FFCF33



B9E14B



706E65



B08700



302500



# Inverse Universe

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



4B6EE1



3363FF



734BE1



656870



0029B0



000B30



# Previews

## White Background



This preview shows how the Hex color E1BE4B looks on a white background.

## Color Contrast Check

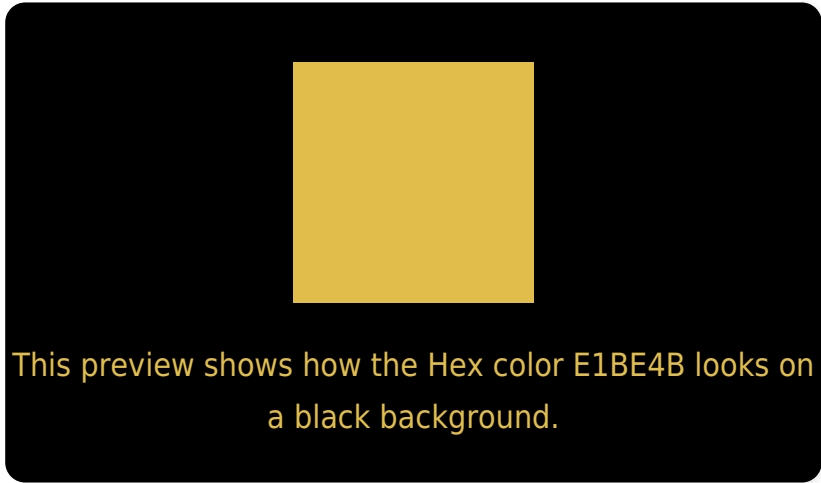
Large Text (above 18pt) WCAG AA × Fail

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 E1BE4B Background



This preview shows how black text looks on a background with the Hex color E1BE4B.



This preview shows how white text looks on a background with the Hex color E1BE4B.

# 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**  
E1BE4B

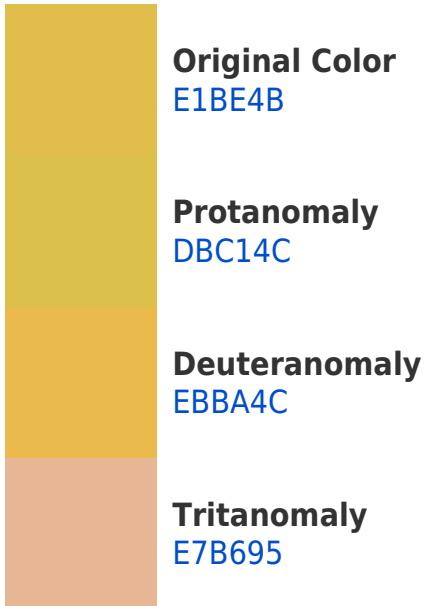
**Protanopia**  
D7C24C

**Deuteranopia**  
F0B84D



**Tritanopia**  
EAB2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1BE4B 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 #E1BE4B looks like.

```
.text, #text, p{  
  color:#E1BE4B  
}
```

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 #E1BE4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1BE4B
}
```

## Border

The CSS property to change the border of an element to Hex E1BE4B 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
#E1BE4B }
```

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

```
.border{ border-color:#E1BE4B }
```

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

Here you see how a box with a 4 pixel #E1BE4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1BE4B; -webkit-box-shadow:4px 4px  
4px 4px #E1BE4B; box-shadow:4px 4px 4px  
4px #E1BE4B }
```

# Background

The CSS property to change the background color of an element to Hex E1BE4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1BE4B }
```

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

```
.background{ background-color:#E1BE4B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor