

# Converting Colors

Hex(E7B94E)

Have a look what the booklet for  
Hex(E7B94E) contains.

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# **Color**

**Hex(E7B94E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7B94E
RGB	231, 185, 78
RGB Percent	91%, 73%, 31%
CMY	0.0941, 0.2745, 0.6941
CMYK	0.00, 0.20, 0.66, 0.09
HSL	42°, 76%, 61%
HSV	42°, 66%, 91%
XYZ	51.6791, 52.2369, 14.5667
YIQ	186.5560, 61.7630, -23.5250

# Conversions

## Conversions Part 2

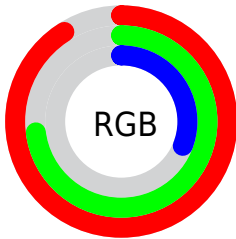
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 231, 78
Decimal	15186254
CIELab	77.42, 5.41, 58.78
CIELCh	77, 59.032, 84.738
Yxy	52.2369, 0.4362, 0.4409
Android (android.graphics.Color)	4293376334 (0xFFE7B94E)
YUV	186.5560, -53.5181, 38.9774
Hunter-Lab	72.2751, 1.1520, 38.6430

# Details

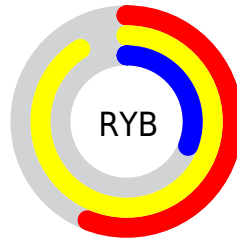
The Hex color **E7B94E** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **4E7CE7**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFF183**, and **AC8415** is the 20% darker color. If you saturate the color by 10%, you get **E7B237**, and if you desaturate by 10%, it is **E7C065**.

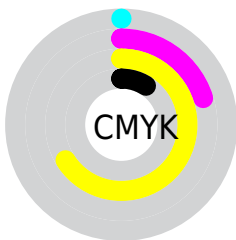
# Distribution



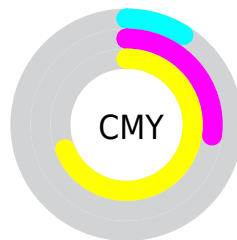
- Red (91%)
- Green (73%)
- Blue (31%)



- Red (56%)
- Yellow (91%)
- Blue (31%)



- Cyan (0%)
- Magenta (20%)
- Yellow (66%)
- Black (9%)



- Cyan (9%)
- Magenta (27%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7B94E 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 E7B94E by changing the saturation by 10% instead.



 E7B94E

 E7B94E

FFFFFF

 C99E33

 FFF183

 AC8415

 FFFF9F

 8F6B00

 FFFFBB

 735300

 FFFFDD

 573C00

 FFFFF4

 3C2700

 231300

 000000

 E7B94E

 E7B94E

 E7B237

 E7C065

 E7AB20

 E7C77C

 E7A409

 E7CE93

 E7A200

 E7D5AA

 E7DCC2

 E7E3D9

 E7EAF0

 E7F1FF

 E7F8FF

# Harmonies

## Analogous

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



FFA567



E7B94E



B2CA57

# Triad

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



E7B94E



00DAEB



F99FFF

# Complementary

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



E7B94E



4E7CE7

# 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.



B3B5FF



E7B94E



00D5FF

# Square

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



E7B94E



00DAB3



28C8FF



FF91CB

# Rectangle

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



E7B94E



87D26E



28C8FF



E6A6FF



# Sweetspot

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



E7B94E



FFF0CC



E74E7E



807661



000000



808080



# Same Dimension

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



E7B94E



FFC236



CBE74E



736F67



B37D00



332400



# Inverse Universe

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



4E7CE7



3672FF



6A4EE7



676B73



0036B3



000F33



# Previews

## White Background



This preview shows how the Hex color E7B94E looks on a white background.

## Color Contrast Check

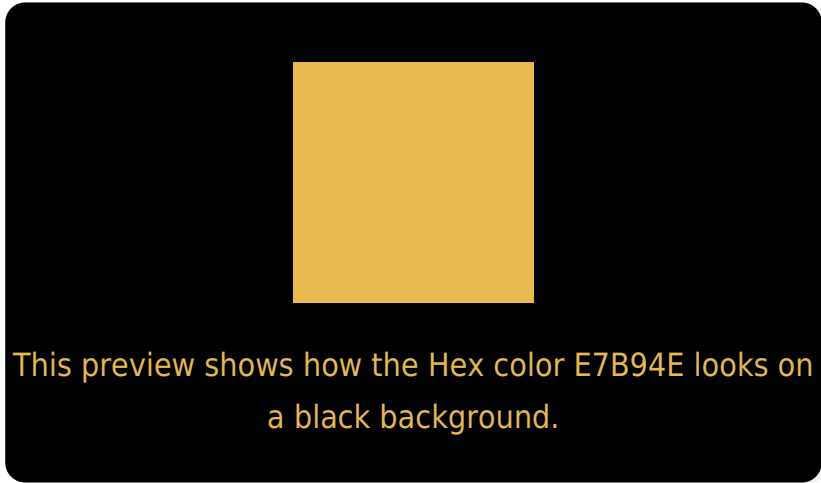
Large Text (above 18pt) WCAG AA × Fail

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 E7B94E Background



This preview shows how black text looks on a background with the Hex color E7B94E.



This preview shows how white text looks on a background with the Hex color E7B94E.

# 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



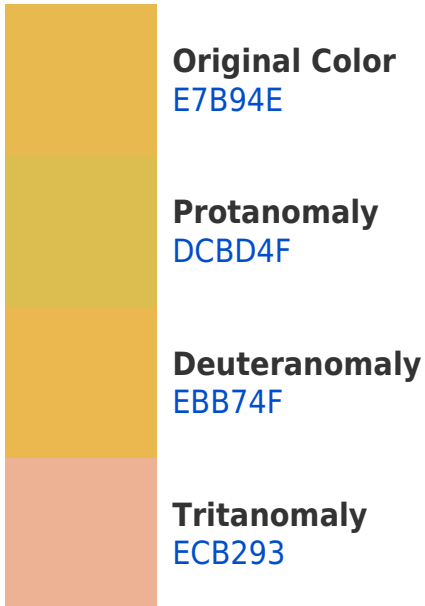
**Original Color**  
E7B94E

**Protanopia**  
D5C050

**Deuteranopia**  
EEB64F



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7B94E 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 #E7B94E looks like.

```
.text, #text, p{  
    color:#E7B94E  
}
```

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 #E7B94E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7B94E
}
```

## Border

The CSS property to change the border of an element to Hex E7B94E 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
#E7B94E }
```

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

```
.border{ border-color:#E7B94E }
```

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

Here you see how a box with a 4 pixel #E7B94E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7B94E; -webkit-box-shadow:4px 4px  
4px 4px #E7B94E; box-shadow:4px 4px 4px  
4px #E7B94E }
```

# Background

The CSS property to change the background color of an element to Hex E7B94E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7B94E }
```

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

```
.background{ background-color:#E7B94E }
```

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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