

# Converting Colors

Hex(E7C65B)

Have a look what the booklet for  
Hex(E7C65B) contains.

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# **Color**

**Hex(E7C65B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7C65B
RGB	231, 198, 91
RGB Percent	91%, 78%, 36%
CMY	0.0941, 0.2235, 0.6431
CMYK	0.00, 0.14, 0.61, 0.09
HSL	46°, 74%, 63%
HSV	46°, 61%, 91%
XYZ	55.0374, 58.1324, 18.2174
YIQ	195.6690, 54.0150, -26.2810

# Conversions

## Conversions Part 2

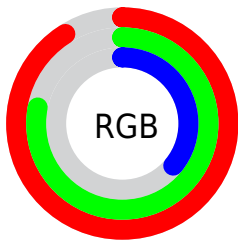
Format	Color
<a href="#">RYB</a>	<a href="#">134, 231, 91</a>
Decimal	<a href="#">15189595</a>
CIELab	<a href="#">80.81, -0.54, 56.71</a>
CIELCh	<a href="#">81, 56.714, 90.549</a>
Yxy	<a href="#">58.1324, 0.4189, 0.4425</a>
Android (android.graphics.Color)	<a href="#">4293379675 (0xFFE7C65B)</a>
YUV	<a href="#">195.6690, -51.6018, 30.9853</a>
Hunter-Lab	<a href="#">76.2446, -4.5773, 39.2048</a>

# Details

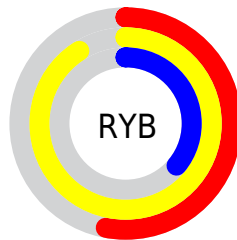
The Hex color **E7C65B** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5B7CE7**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFE91**, and **AC9125** is the 20% darker color. If you saturate the color by 10%, you get **E7C144**, and if you desaturate by 10%, it is **E7CB72**.

# Distribution



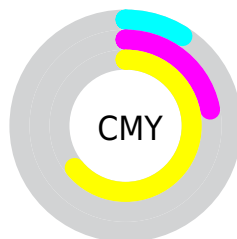
- Red (91%)
- Green (78%)
- Blue (36%)



- Red (53%)
- Yellow (91%)
- Blue (36%)



- Cyan (0%)
- Magenta (14%)
- Yellow (61%)
- Black (9%)



- Cyan (9%)
- Magenta (22%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7C65B 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 E7C65B by changing the saturation by 10% instead.



 E7C65B

 E7C65B

FFFFFF

 C9AB41

 FFFE91

 AC9125

 FFFFAC

 907700

 FFFFC8

 745F00

 FFFF E5

 594700

 3E3100

 251D00

 030300

 000000

 E7C65B

 E7C65B

 E7C144

 E7CB72

 E7BB2D

 E7D189

 E7B616

 E7D6A0

 E7B100

 E7DCB7

 E7E1CF

 E7E7E6

 E7ECFD

 E7F2FF

 E7F7FF

# Harmonies

## Analogous

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



FFB36D



E7C65B



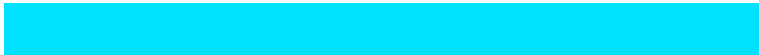
B1D56A

# Triad

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



E7C65B



00E2FD



FFA6FE

# Complementary

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



E7C65B



5B7CE7

# 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.



CDBAFF



E7C65B



00DCFF

# Square

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



E7C65B



00E3C8



6ACEFF



FF9CCA

# Rectangle

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



E7C65B



86DC83



6ACEFF



FAADFF



# Sweetspot

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



E7C65B



FFF4D1



E75B7E



807963



000000



808080



# Same Dimension

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



E7C65B



FFD345



C4E75B



737067



B38800



332700



# Inverse Universe

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



5B7CE7



4571FF



7E5BE7



676A73



002AB3



000C33



# Previews

## White Background



This preview shows how the Hex color E7C65B looks on a white background.

## Color Contrast Check

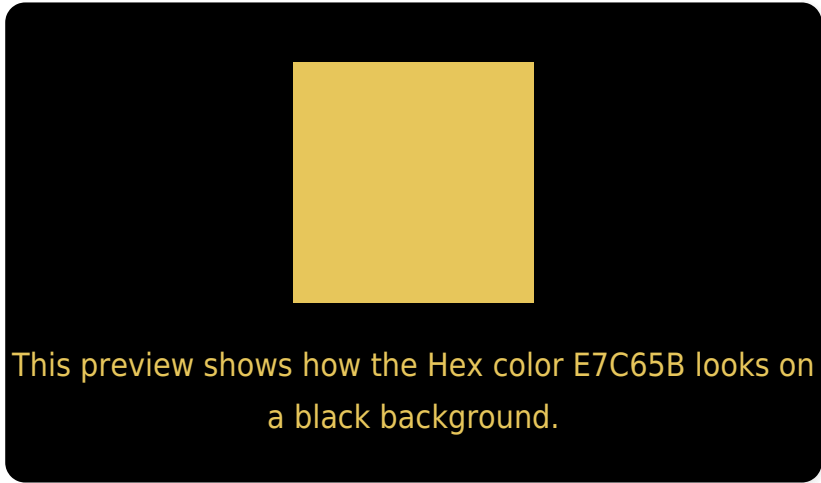
Large Text (above 18pt) WCAG AA × Fail

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 E7C65B Background



This preview shows how black text looks on a background with the Hex color E7C65B.

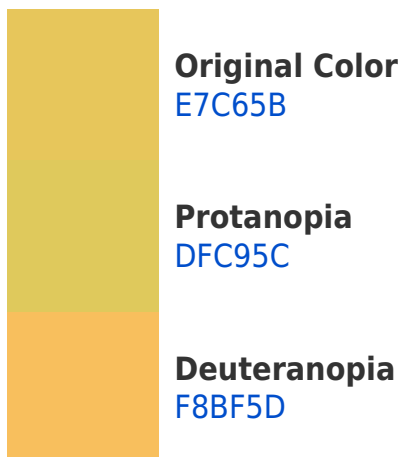


This preview shows how white text looks on a background with the Hex color E7C65B.

# Color Blindness Simulation

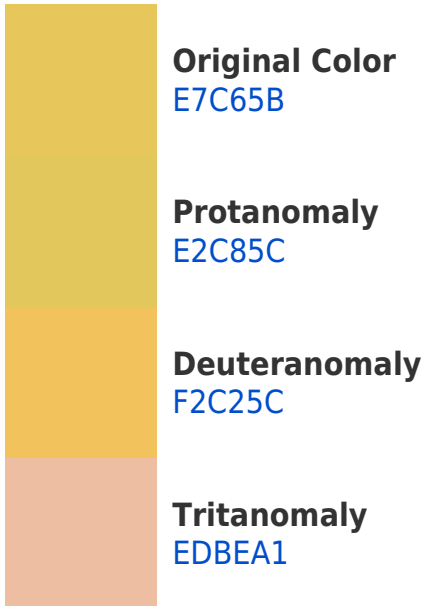
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7C65B 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 #E7C65B looks like.

```
.text, #text, p{  
    color:#E7C65B  
}
```

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 #E7C65B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7C65B
}
```

## Border

The CSS property to change the border of an element to Hex E7C65B 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
#E7C65B }
```

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

```
.border{ border-color:#E7C65B }
```

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

Here you see how a box with a 4 pixel #E7C65B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7C65B; -webkit-box-shadow:4px 4px  
4px 4px #E7C65B; box-shadow:4px 4px 4px  
4px #E7C65B }
```

# Background

The CSS property to change the background color of an element to Hex E7C65B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7C65B }
```

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

```
.background{ background-color:#E7C65B }
```

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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