

# Converting Colors

Hex(E7C93B)

Have a look what the booklet for  
Hex(E7C93B) contains.

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**Color**

**Hex(E7C93B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7C93B
RGB	231, 201, 59
RGB Percent	91%, 79%, 23%
CMY	0.0941, 0.2118, 0.7686
CMYK	0.00, 0.13, 0.74, 0.09
HSL	50°, 78%, 57%
HSV	50°, 74%, 91%
XYZ	54.6311, 59.0780, 12.6615
YIQ	193.7820, 63.4620, -37.8020

# Conversions

## Conversions Part 2

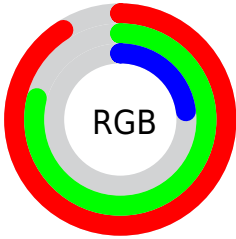
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 231, 59
Decimal	15190331
CIE <sub>Lab</sub>	81.33, -3.82, 70.20
CIE <sub>LCh</sub>	81, 70.302, 93.117
Yxy	59.0780, 0.4323, 0.4675
Android (android.graphics.Color)	4293380411 (0xFFE7C93B)
YUV	193.7820, -66.4475, 32.6402
Hunter-Lab	76.8622, -7.6371, 44.0367

# Details

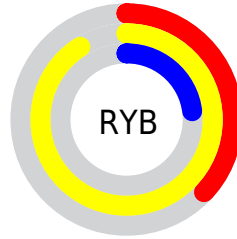
The Hex color **E7C93B** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3B59E7**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFF74**, and **AB9300** is the 20% darker color. If you saturate the color by 10%, you get **E7C524**, and if you desaturate by 10%, it is **E7CD52**.

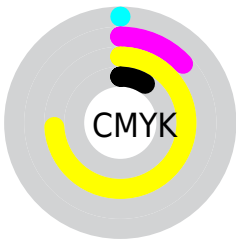
# Distribution



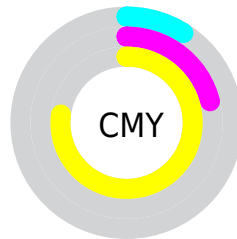
- Red (91%)
- Green (79%)
- Blue (23%)



- Red (37%)
- Yellow (91%)
- Blue (23%)



- Cyan (0%)
- Magenta (13%)
- Yellow (74%)
- Black (9%)



- Cyan (9%)
- Magenta (21%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7C93B 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 E7C93B by changing the saturation by 10% instead.



 E7C93B

 E7C93B

FFFFFF

 C9AE19

 FFFF74

 AB9300

 FFFF90

 8E7A00

 FFFFAC

 726100

 FFFFC9

 564A00

 FFFFEE

 3B3400

 221F00

 000800

 000000

 E7C93B

 E7C93B

 E7C524

 E7CD52

 E7C10D

 E7D169

 E7BF00

 E7D580

 E7D997

 E7DDAE

 E7E1C6

 E7E5DD

 E7E9F4

 E7EDFF

# Harmonies

## Analogous

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



FFB153



E7C93B



A3DB54

# Triad

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



E7C93B



00E9FF



FF9BFF

# Complementary

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



E7C93B



3B59E7

# 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.



D5B6FF



E7C93B



00E0FF

# Square

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



E7C93B



00EACF



3DCFFF



FF8DC6

# Rectangle

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



E7C93B



68E377



3DCFFF



FFA3FF



# Sweetspot

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



E7C93B



FFF5C7



E73B5B



807A5E



000000



808080



# Same Dimension

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



E7C93B



FFD71C



B1E73B



737167



B39300



332A00



# Inverse Universe

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



3B59E7



1C44FF



713BE7



676973



001FB3



000933



# Previews

## White Background



This preview shows how the Hex color E7C93B looks on a white background.

## Color Contrast Check

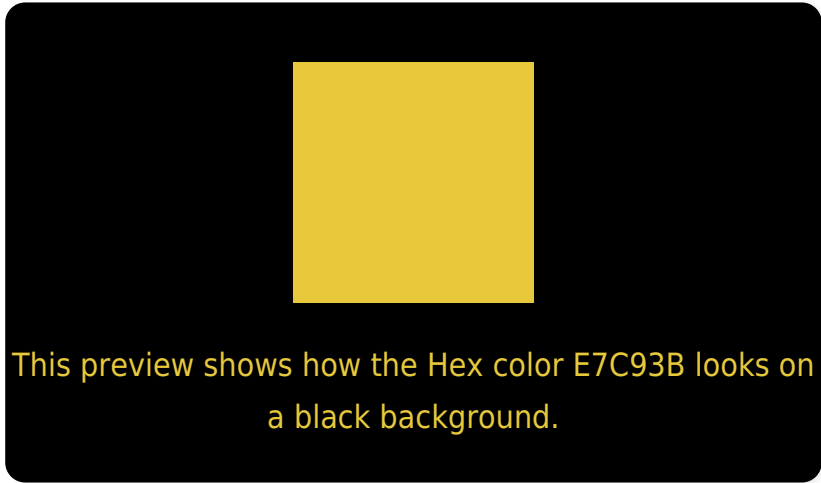
Large Text (above 18pt) WCAG AA × Fail

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 E7C93B Background



This preview shows how black text looks on a background with the Hex color E7C93B.

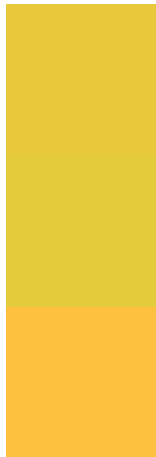


This preview shows how white text looks on a background with the Hex color E7C93B.

# 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



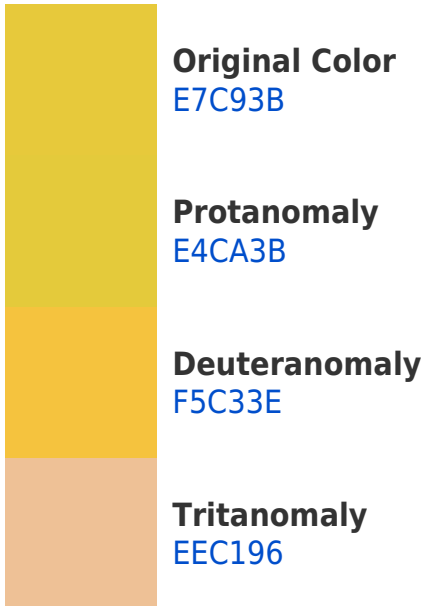
**Original Color**  
E7C93B

**Protanopia**  
E3CB3B

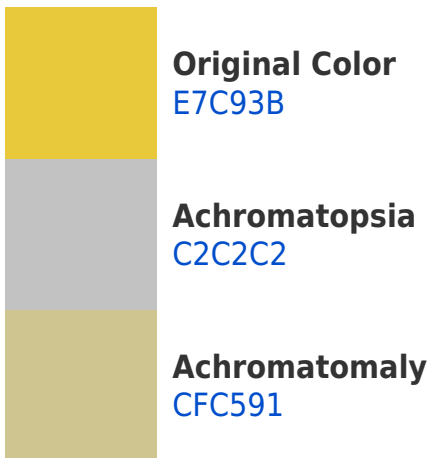
**Deuteranopia**  
FDC03F



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7C93B 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 #E7C93B looks like.

```
.text, #text, p{  
    color:#E7C93B  
}
```

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 #E7C93B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7C93B
}
```

## Border

The CSS property to change the border of an element to Hex E7C93B 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
#E7C93B }
```

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

```
.border{ border-color:#E7C93B }
```

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

Here you see how a box with a 4 pixel #E7C93B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7C93B; -webkit-box-shadow:4px 4px  
4px 4px #E7C93B; box-shadow:4px 4px 4px  
4px #E7C93B }
```

# Background

The CSS property to change the background color of an element to Hex E7C93B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7C93B }
```

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

```
.background{ background-color:#E7C93B }
```

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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