

# Converting Colors

Hex(E59B3C)

Have a look what the booklet for  
Hex(E59B3C) contains.

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# **Color**

**Hex(E59B3C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E59B3C
RGB	229, 155, 60
RGB Percent	90%, 61%, 24%
CMY	0.1020, 0.3922, 0.7647
CMYK	0.00, 0.32, 0.74, 0.10
HSL	34°, 76%, 57%
HSV	34°, 74%, 90%
XYZ	44.8501, 40.4269, 9.7143
YIQ	166.2960, 74.5990, -13.8570

# Conversions

## Conversions Part 2

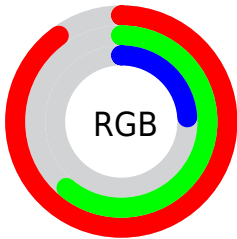
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 229, 60
Decimal	15047484
CIELab	69.77, 19.56, 58.52
CIELCh	70, 61.697, 71.521
Yxy	40.4269, 0.4721, 0.4256
Android (android.graphics.Color)	4293237564 (0xFFE59B3C)
YUV	166.2960, -52.4039, 54.9914
Hunter-Lab	63.5822, 14.6428, 35.4490

# Details

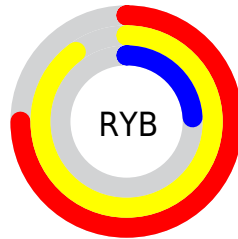
The Hex color **E59B3C** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **3C86E5**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFD171**, and **A96800** is the 20% darker color. If you saturate the color by 10%, you get **E59125**, and if you desaturate by 10%, it is **E5A553**.

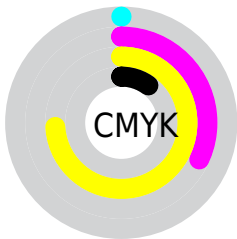
# Distribution



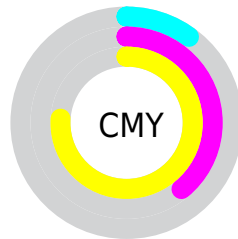
- Red (90%)
- Green (61%)
- Blue (24%)



- Red (75%)
- Yellow (90%)
- Blue (24%)



- Cyan (0%)
- Magenta (32%)
- Yellow (74%)
- Black (10%)



- Cyan (10%)
- Magenta (39%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E59B3C 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 E59B3C by changing the saturation by 10% instead.



 E59B3C

 E59B3C

FFFFFF

 C78120

 FFD171

 A96800

 FFEE8C

 8B5000

 FFFFA7

 6E3800

 FFFFC3

 522200

 FFFFDF

 370D00

FFFFFFD

 200001

 000000

 E59B3C

 E59B3C

 E59125

 E5A553

 E5870E

 E5AF6A

 E58100

 E5B981

 E5C398

 E5CDAF

 E5D7C5

 E5E1DC

 E5EBF3

 E5F5FF

# Harmonies

## Analogous

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



FF8563



E59B3C



B4AE33

# Triad

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



E59B3C



00C6BF



CA92FF

# Complementary

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



E59B3C



3C86E5

# 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.



68A9FF



E59B3C



00C3F3

# Square

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



E59B3C



00C385



00BAFF



FE7DCF

# Rectangle

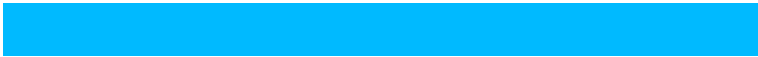
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E59B3C



8DB844



00BAFF



B09AFF



# Sweetspot

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



E59B3C



FFE6C7



E53C88



80715E



000000



808080



# Same Dimension

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



E59B3C



FF9C1C



DDE53C



736E67



B36400



331D00



# Inverse Universe

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



3C86E5



1C7FFF



443CE5



676C73



004EB3



001633



# Previews

## White Background



This preview shows how the Hex color E59B3C looks on a white background.

## Color Contrast Check

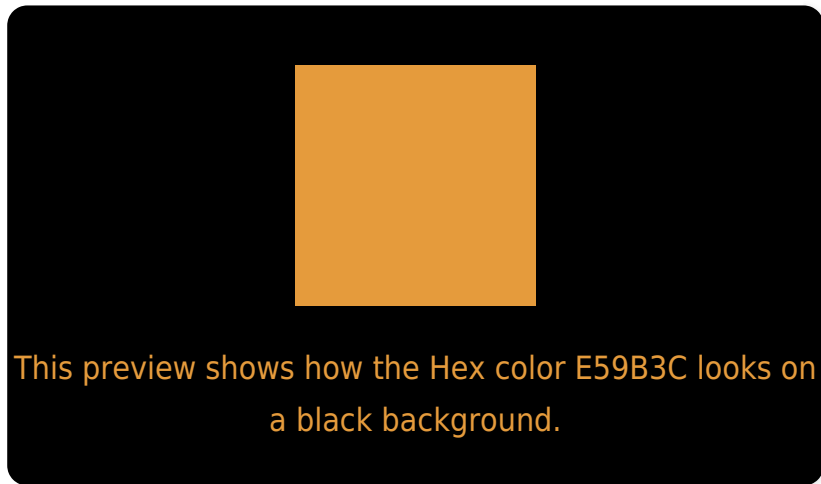
Large Text (above 18pt) WCAG AA × Fail

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 E59B3C Background



This preview shows how black text looks on a background with the Hex color E59B3C.

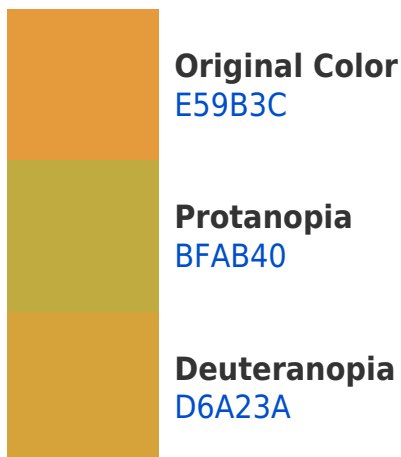


This preview shows how white text looks on a background with the Hex color E59B3C.

# 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](#).

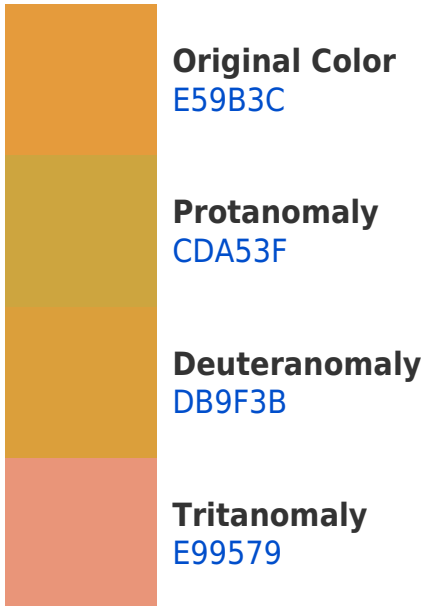
## Dichromacy





**Tritanopia**  
EB919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E59B3C 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 #E59B3C looks like.

```
.text, #text, p{  
    color:#E59B3C  
}
```

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 #E59B3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E59B3C
}
```

## Border

The CSS property to change the border of an element to Hex E59B3C 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
#E59B3C }
```

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

```
.border{ border-color:#E59B3C }
```

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

Here you see how a box with a 4 pixel #E59B3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E59B3C; -webkit-box-shadow:4px 4px  
4px 4px #E59B3C; box-shadow:4px 4px 4px  
4px #E59B3C }
```

# Background

The CSS property to change the background color of an element to Hex E59B3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E59B3C }
```

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

```
.background{ background-color:#E59B3C }
```

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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