

# Converting Colors

Hex(E59F3A)

Have a look what the booklet for  
Hex(E59F3A) contains.

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# **Color**

**Hex(E59F3A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E59F3A
RGB	229, 159, 58
RGB Percent	90%, 62%, 23%
CMY	0.1020, 0.3765, 0.7725
CMYK	0.00, 0.31, 0.75, 0.10
HSL	35°, 77%, 56%
HSV	35°, 75%, 90%
XYZ	45.4750, 41.7598, 9.6666
YIQ	168.4160, 74.1410, -16.5710

# Conversions

## Conversions Part 2

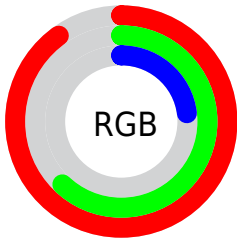
Format	Color
<a href="#">RYB</a>	<a href="#">177, 229, 58</a>
Decimal	<a href="#">15048506</a>
<a href="#">CIELab</a>	<a href="#">70.70, 17.34, 60.27</a>
<a href="#">CIElCh</a>	<a href="#">71, 62.714, 73.953</a>
<a href="#">Yxy</a>	<a href="#">41.7598, 0.4693, 0.4310</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4293238586 (0xFFE59F3A)</a>
<a href="#">YUV</a>	<a href="#">168.4160, -54.4351, 53.1322</a>
<a href="#">Hunter-Lab</a>	<a href="#">64.6218, 12.5239, 36.3662</a>

# Details

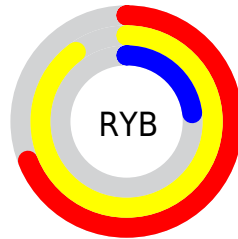
The Hex color **E59F3A** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **3A80E5**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFD66F**, and **A96C00** is the 20% darker color. If you saturate the color by 10%, you get **E59623**, and if you desaturate by 10%, it is **E5A851**.

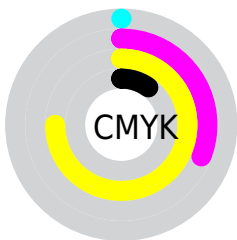
# Distribution



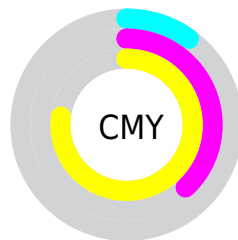
- Red (90%)
- Green (62%)
- Blue (23%)



- Red (69%)
- Yellow (90%)
- Blue (23%)



- Cyan (0%)
- Magenta (31%)
- Yellow (75%)
- Black (10%)



- Cyan (10%)
- Magenta (38%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E59F3A 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 E59F3A by changing the saturation by 10% instead.



 E59F3A

 E59F3A

FFFFFF

 C7851D

 FFD66F

 A96C00

 FFF28A

 8B5300

 FFFFA6

 6E3C00

 FFFFC2

 522600

 FFFFDE

 371100

 FFFFFB

 210000

 000000

 E59F3A

 E59F3A

 E59623

 E5A851

 E58C0C

 E5B268

 E58700

 E5BB7F

 E5C496

 E5CEAC

 E5D7C3

 E5E1DA

 E5EAF1

 E5F3FF

# Harmonies

## Analogous

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



FF8960



E59F3A



B2B234

# Triad

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



E59F3A



00C9C7



D293FF

# Complementary

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



E59F3A



3A80E5

# 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.



74AAFF



E59F3A



00C6FB

# Square

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



E59F3A



00C78B



00BCFF



FF7ECE

# Rectangle

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



E59F3A



8ABC48



00BCFF



B99BFF



# Sweetspot

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



E59F3A



FFE8C7



E53A81



80725E



000000



808080



# Same Dimension

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



E59F3A



FFA119



D7E53A



736E67



B36900



331E00



# Inverse Universe

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



3A80E5



1977FF



483AE5



676C73



0049B3



001533



# Previews

## White Background



This preview shows how the Hex color E59F3A looks on a white background.

## Color Contrast Check

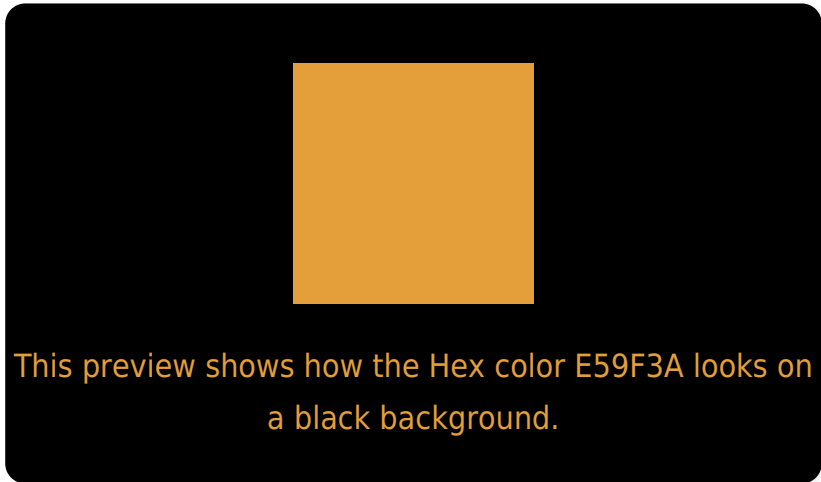
Large Text (above 18pt) WCAG AA × Fail

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 E59F3A Background



This preview shows how black text looks on a background with the Hex color E59F3A.

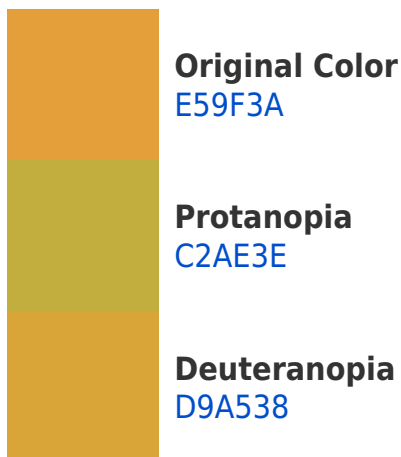



This preview shows how white text looks on a background with the Hex color E59F3A.

# 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**  
EB95A0

# Trichromacy



**Original Color**  
E59F3A

**Protanomaly**  
CFA93D

**Deuteranomaly**  
DDA339

**Tritanomaly**  
E9997B

# Monochromacy



**Original Color**  
E59F3A

**Achromatopsia**  
A8A8A8

**Achromatomaly**  
BEA580

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E59F3A 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 #E59F3A looks like.

```
.text, #text, p{  
    color:#E59F3A  
}
```

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 #E59F3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E59F3A
}
```

## Border

The CSS property to change the border of an element to Hex E59F3A 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
#E59F3A }
```

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

```
.border{ border-color:#E59F3A }
```

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

Here you see how a box with a 4 pixel #E59F3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E59F3A; -webkit-box-shadow:4px 4px  
4px 4px #E59F3A; box-shadow:4px 4px 4px  
4px #E59F3A }
```

# Background

The CSS property to change the background color of an element to Hex E59F3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E59F3A }
```

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

```
.background{ background-color:#E59F3A }
```

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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