

# Converting Colors

Hex(E59F1A)

Have a look what the booklet for  
Hex(E59F1A) contains.

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**Color**

**Hex(E59F1A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E59F1A
RGB	229, 159, 26
RGB Percent	90%, 62%, 10%
CMY	0.1020, 0.3765, 0.8980
CMYK	0.00, 0.31, 0.89, 0.10
HSL	39°, 80%, 50%
HSV	39°, 89%, 90%
XYZ	44.8977, 41.5289, 6.6268
YIQ	164.7680, 84.4130, -26.5230

# Conversions

## Conversions Part 2

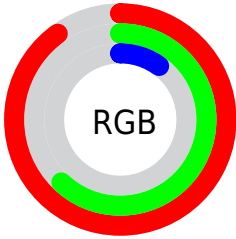
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 229, 26
Decimal	15048474
CIELab	70.54, 16.36, 70.54
CIELCh	71, 72.418, 76.940
Yxy	41.5289, 0.4825, 0.4463
Android (android.graphics.Color)	4293238554 (0xFFE59F1A)
YUV	164.7680, -68.4126, 56.3315
Hunter-Lab	64.4429, 11.5868, 39.0131

# Details

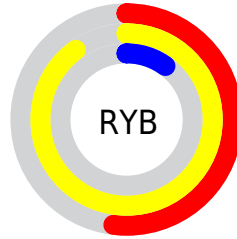
The Hex color **E59F1A** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **1A60E5**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFD657**, and **A86C00** is the 20% darker color. If you saturate the color by 10%, you get **E59703**, and if you desaturate by 10%, it is **E5A731**.

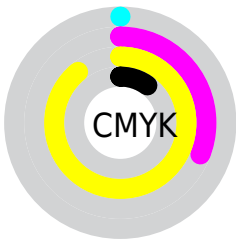
# Distribution



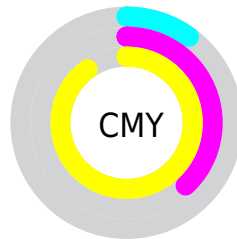
- Red (90%)
- Green (62%)
- Blue (10%)



- Red (52%)
- Yellow (90%)
- Blue (10%)



- Cyan (0%)
- Magenta (31%)
- Yellow (89%)
- Black (10%)



- Cyan (10%)
- Magenta (38%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E59F1A 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 E59F1A by changing the saturation by 10% instead.



 E59F1A

 E59F1A

FFFFFF

 C68500

 FFD657

 A86C00

 FFF273

 8A5400

 FFFF8F

 6D3C00

 FFFFAB

 512700

 FFFFC7

 361200

 FFFFE4

 1F0000

 000000

 E59F1A

 E59F1A

 E59703

 E5A731

 E59600

 E5AF48

 E5B75F

 E5BF76

 E5C68C

 E5CEA3

 E5D6BA

 E5DED1

 E5E6E8

# Harmonies

## Analogous

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



FF834E



E59F1A



AAB514

# Triad

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



E59F1A



00CBD1



DE8AFF

# Complementary

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



E59F1A



1A60E5

# 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.



70A7FF



E59F1A



00C8FF

# Square

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



E59F1A



00CA8D



00BCFF



FF70CC

# Rectangle

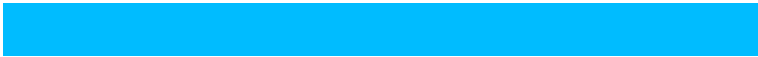
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E59F1A



79BF38



00BCFF



C294FF

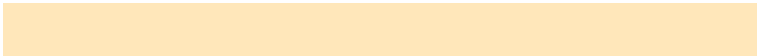


# Sweetspot

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



E59F1A



FFE7BA



E51A61



807157



000000



808080



# Same Dimension

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



E59F1A



FFA700



C7E51A



736F67



B37500



332100



# Inverse Universe

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



1A60E5



0058FF



381AE5



676B73



003EB3



001233



# Previews

## White Background



This preview shows how the Hex color E59F1A looks on a white background.

## Color Contrast Check

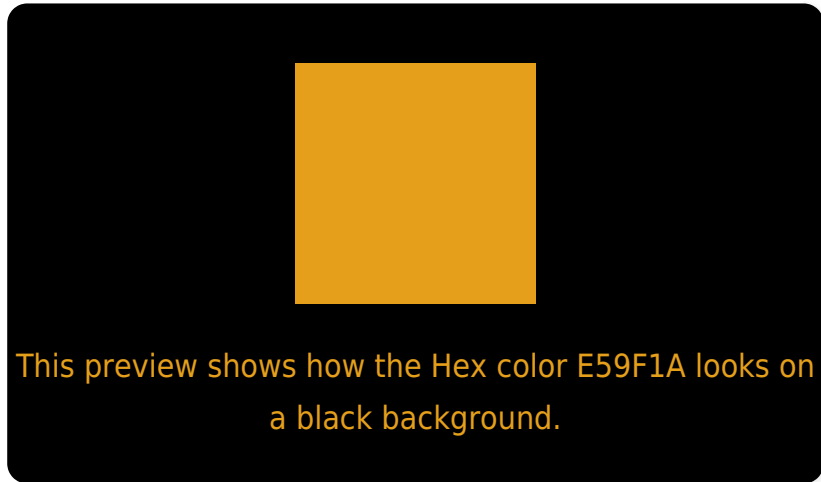
Large Text (above 18pt) WCAG AA × Fail

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 E59F1A Background



This preview shows how black text looks on a background with the Hex color E59F1A.



This preview shows how white text looks on a background with the Hex color E59F1A.

# 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**  
E59F1A

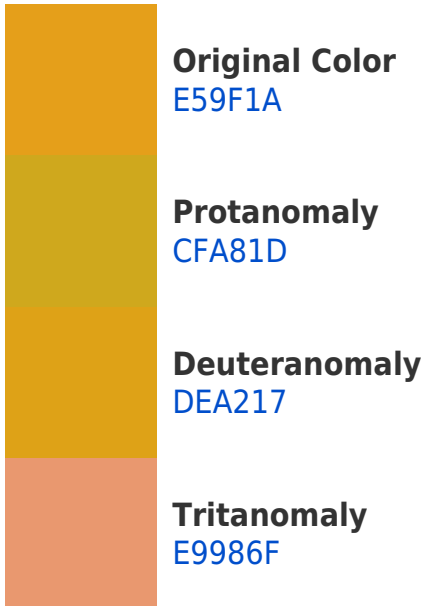
**Protanopia**  
C3AD1E

**Deuteranopia**  
DAA416

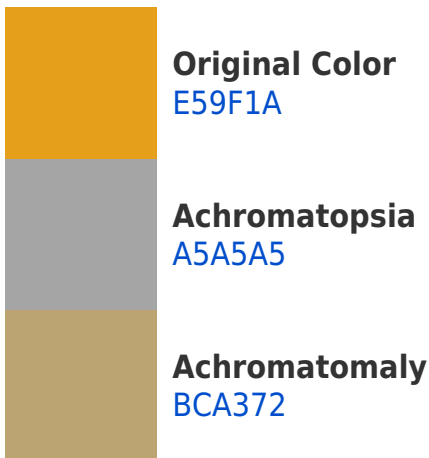


**Tritanopia**  
EC949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E59F1A 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 #E59F1A looks like.

```
.text, #text, p{  
    color:#E59F1A  
}
```

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 #E59F1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E59F1A
}
```

## Border

The CSS property to change the border of an element to Hex E59F1A 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
#E59F1A }
```

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

```
.border{ border-color:#E59F1A }
```

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

Here you see how a box with a 4 pixel #E59F1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E59F1A; -webkit-box-shadow:4px 4px  
4px 4px #E59F1A; box-shadow:4px 4px 4px  
4px #E59F1A }
```

# Background

The CSS property to change the background color of an element to Hex E59F1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E59F1A }
```

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

```
.background{ background-color:#E59F1A }
```

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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