

Converting Colors

Hex(F59A01)

Have a look what the booklet for
Hex(F59A01) contains.

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Color

Hex(F59A01)

Conversions

Conversions Part 1

Format	Color
Hex	F59A01
RGB	245, 154, 1
RGB Percent	96%, 60%, 0%
CMY	0.0392, 0.3961, 0.9961
CMYK	0.00, 0.37, 1.00, 0.04
HSL	38°, 99%, 48%
HSV	38°, 100%, 96%
XYZ	49.2173, 42.5259, 5.6430
YIQ	163.7670, 103.3490, -28.2910

Conversions

Conversions Part 2

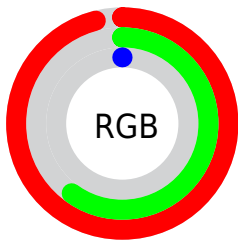
Format	Color
RYB	146, 245, 1
Decimal	16095745
CIELab	71.23, 25.51, 75.83
CIElCh	71, 80.009, 71.407
Yxy	42.5259, 0.5054, 0.4367
Android (android.graphics.Color)	4294285825 (0xFFFF59A01)
YUV	163.7670, -80.2441, 71.2413
Hunter-Lab	65.2119, 20.5983, 40.5177

Details

The Hex color **F59A01** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **015CF5**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFD14D**, and **B66700** is the 20% darker color. If you saturate the color by 10%, you get **F59A00**, and if you desaturate by 10%, it is **F5A319**.

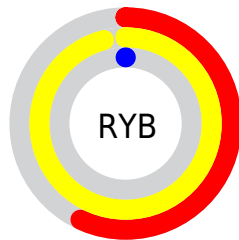
Distribution



Red (96%)

Green (60%)

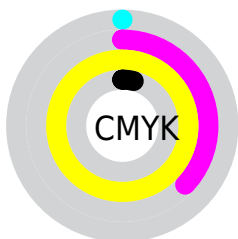
Blue (0%)



Red (57%)

Yellow (96%)

Blue (0%)

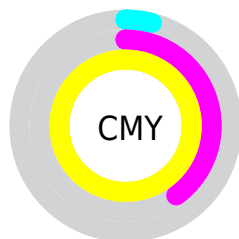


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F59A01 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 F59A01 by changing the saturation by 10% instead.

 F59A01

 F59A01

FFFFFF

 D58000

 FFD14D

 B66700

 FFED69

 984E00

 FFFF85

 793700

 FFFFA2

 5C2000

 FFFFBE

 400900

 FFFFDB

 290000

 FFFFF9

 000000

 F59A01

 F59A01

 F59A00

 F5A319

 F5AC32

 F5B54A

 F5BF63

 F5C87B

 F5D194

 F5DAAD

 F5E3C5

 F5ECDE

Harmonies

Analogous

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



FF7951



F59A01



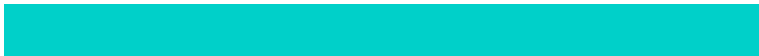
B7B400

Triad

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



F59A01



00D0C9



D48EFF

Complementary

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



F59A01



015CF5

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.



21AEFF



F59A01



00CDFF

Square

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



F59A01



00CD7D



00C3FF



FF6CDF

Rectangle

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



F59A01



84C017



00C3FF



B099FF

Sweetspot

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



F59A01



FFE2B3



F5015F



806E52



000000



808080

Same Dimension

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



F59A01



FFA000



D9F501



7A766E



BA7500



3B2500

Inverse Universe

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



015CF5



005FFF



1D01F5



6E737A



0045BA



00163B

Previews

White Background



This preview shows how the Hex color F59A01 looks on a white background.

Color Contrast Check

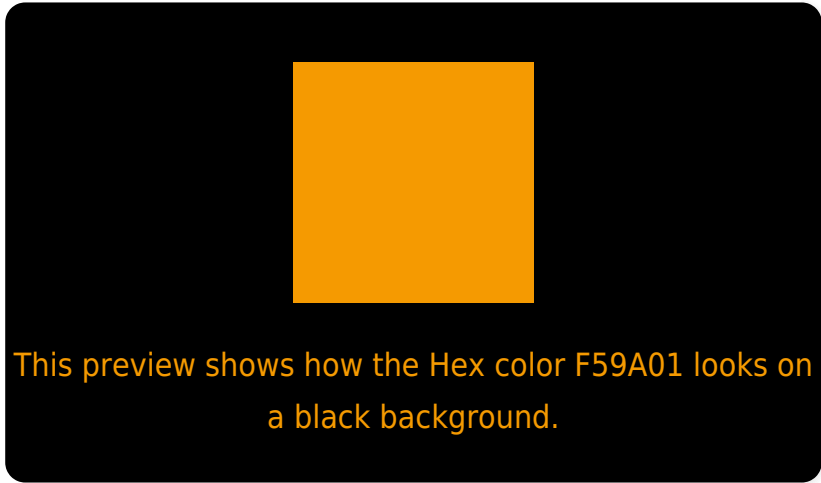
Large Text (above 18pt) WCAG AA × Fail

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 F59A01 Background



This preview shows how black text looks on a background with the Hex color F59A01.



This preview shows how white text looks on a background with the Hex color F59A01.

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
F59A01

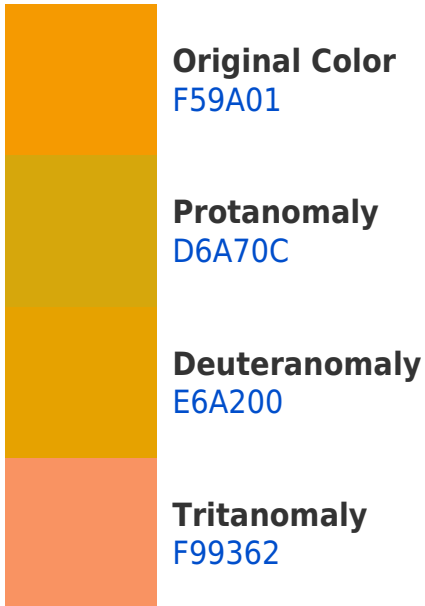
Protanopia
C5AF12

Deuteranopia
DDA600

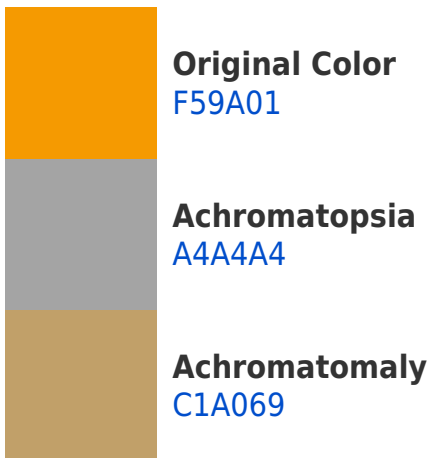


Tritanopia
FB8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F59A01 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 #F59A01 looks like.

```
.text, #text, p{  
    color:#F59A01  
}
```

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 #F59A01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F59A01
}
```

Border

The CSS property to change the border of an element to Hex F59A01 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
#F59A01 }
```

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

```
.border{ border-color:#F59A01 }
```

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

Here you see how a box with a 4 pixel #F59A01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F59A01; -webkit-box-shadow:4px 4px  
4px 4px #F59A01; box-shadow:4px 4px 4px  
4px #F59A01 }
```

Background

The CSS property to change the background color of an element to Hex F59A01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F59A01 }
```

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

```
.background{ background-color:#F59A01 }
```

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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