

Converting Colors

Hex(F59B02)

Have a look what the booklet for
Hex(F59B02) contains.

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Color

Hex(F59B02)

Conversions

Conversions Part 1

Format	Color
Hex	F59B02
RGB	245, 155, 2
RGB Percent	96%, 61%, 1%
CMY	0.0392, 0.3922, 0.9922
CMYK	0.00, 0.37, 0.99, 0.04
HSL	38°, 98%, 48%
HSV	38°, 99%, 96%
XYZ	49.3885, 42.8595, 5.7271
YIQ	164.4680, 102.7530, -28.5030

Conversions

Conversions Part 2

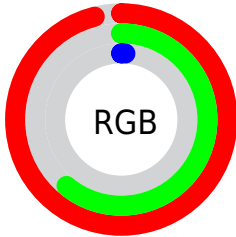
Format	Color
RYB	145, 245, 2
Decimal	16096002
CIELab	71.46, 24.99, 75.86
CIELCh	71, 79.868, 71.763
Yxy	42.8595, 0.5041, 0.4375
Android (android.graphics.Color)	4294286082 (0xFFFF59B02)
YUV	164.4680, -80.0967, 70.6266
Hunter-Lab	65.4672, 20.0929, 40.6403

Details

The Hex color **F59B02** 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 **025CF5**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFD24E**, and **B66800** is the 20% darker color. If you saturate the color by 10%, you get **F59A00**, and if you desaturate by 10%, it is **F5A41A**.

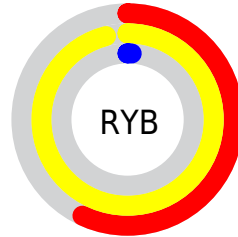
Distribution



Red (96%)

Green (61%)

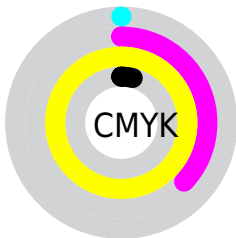
Blue (1%)



Red (57%)

Yellow (96%)

Blue (1%)

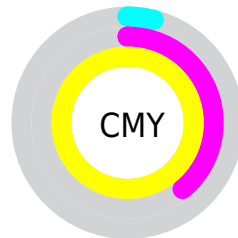


Cyan (0%)

Magenta (37%)

Yellow (99%)

Black (4%)



Cyan (4%)

Magenta (39%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color F59B02 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 F59B02 by changing the saturation by 10% instead.

 F59B02

 F59B02

FFFFFF

 D58100

 FFD24E

 B66800

 FFEE6A

 984F00

 FFFF86

 793800

 FFFFA2

 5C2100

 FFFFBF

 410A00

 FFFFDC

 290000

 FFFFF9

 000000

 F59B02

 F59B02

 F59A00

 F5A41A

 F5AD33

 F5B64C

 F5BF64

 F5C87D

 F5D195

 F5DBAE

 F5E4C6

 F5EDDF

Harmonies

Analogous

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



FF7A51



F59B02



B7B500

Triad

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



F59B02



00D0CB



D68EFF

Complementary

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



F59B02



025CF5

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.



2CAEFF



F59B02



00CEFF

Square

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



F59B02



00CE7F



00C3FF



FF6CDE

Rectangle

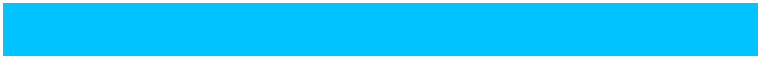
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F59B02



83C11A



00C3FF



B29AFF

Sweetspot

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



F59B02



FFE3B3



F5025F



806F52



000000



808080

Same Dimension

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



F59B02



FFA100



D9F502



7A766E



BA7500



3B2500

Inverse Universe

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



025CF5



005EFF



1E02F5



6E737A



0045BA



00163B

Previews

White Background



This preview shows how the Hex color F59B02 looks on a white background.

Color Contrast Check

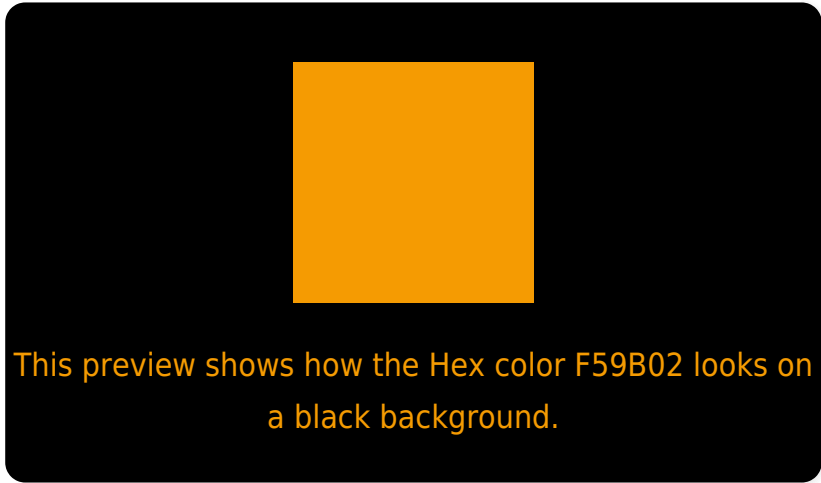
Large Text (above 18pt) WCAG AA × Fail

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 F59B02 Background



This preview shows how black text looks on a background with the Hex color F59B02.



This preview shows how white text looks on a background with the Hex color F59B02.

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
F59B02

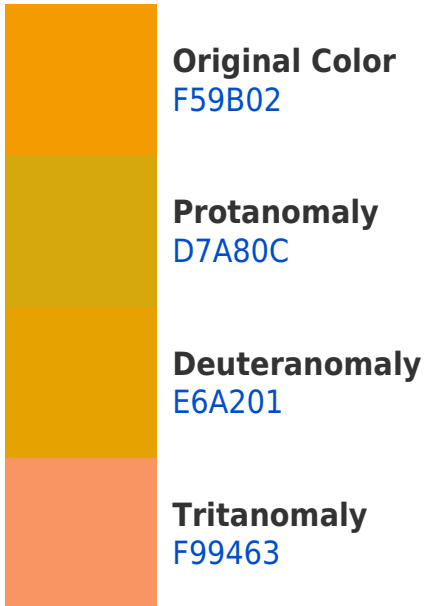
Protanopia
C6B012

Deuteranopia
DEA600

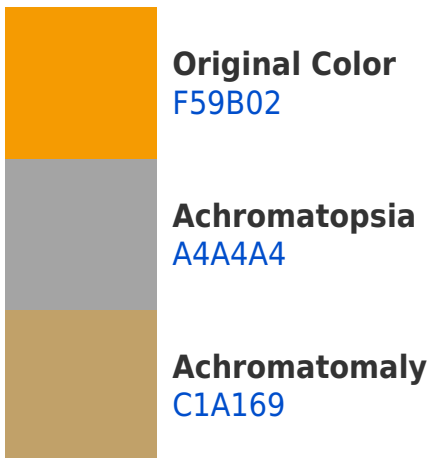


Tritanopia
FB909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F59B02 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 #F59B02 looks like.

```
.text, #text, p{  
    color:#F59B02  
}
```

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 #F59B02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F59B02
}
```

Border

The CSS property to change the border of an element to Hex F59B02 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
#F59B02 }
```

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

```
.border{ border-color:#F59B02 }
```

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

Here you see how a box with a 4 pixel #F59B02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F59B02; -webkit-box-shadow:4px 4px  
4px 4px #F59B02; box-shadow:4px 4px 4px  
4px #F59B02 }
```

Background

The CSS property to change the background color of an element to Hex F59B02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F59B02 }
```

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

```
.background{ background-color:#F59B02 }
```

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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