

Converting Colors

Hex(F59944)

Have a look what the booklet for
Hex(F59944) contains.

Hex(F59944)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F59944)

Conversions

Conversions Part 1

Format	Color
Hex	F59944
RGB	245, 153, 68
RGB Percent	96%, 60%, 27%
CMY	0.0392, 0.4000, 0.7333
CMYK	0.00, 0.38, 0.72, 0.04
HSL	29°, 90%, 61%
HSV	29°, 72%, 96%
XYZ	50.0908, 42.6123, 11.0538
YIQ	170.8180, 82.1170, -6.9310

Conversions

Conversions Part 2

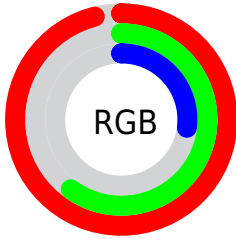
Format	Color
R _Y B	245, 232, 68
Decimal	16095556
CIE Lab	71.29, 27.62, 57.20
CIE LCh	71, 63.520, 64.229
Yxy	42.6123, 0.4828, 0.4107
Android (android.graphics.Color)	4294285636 (0xFFFF59944)
YUV	170.8180, -50.6893, 65.0576
Hunter-Lab	65.2781, 22.7344, 35.6549

Details

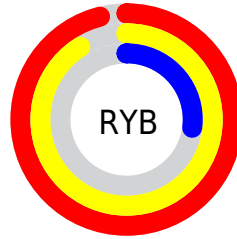
The Hex color **F59944** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **44A0F5**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFD078**, and **B7650A** is the 20% darker color. If you saturate the color by 10%, you get **F58C2C**, and if you desaturate by 10%, it is **F5A65D**.

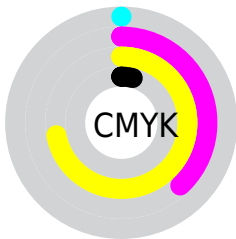
Distribution



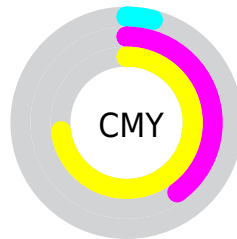
- Red (96%)
- Green (60%)
- Blue (27%)



- Red (96%)
- Yellow (91%)
- Blue (27%)



- Cyan (0%)
- Magenta (38%)
- Yellow (72%)
- Black (4%)



- Cyan (4%)
- Magenta (40%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color F59944 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 F59944 by changing the saturation by 10% instead.

 F59944

 F59944

FFFFFF

 D67F2A

 FFD078

 B7650A

 FFEC93

 994D00

 FFFFAF

 7C3500

 FFFF CB

 5F1E00

 FFFF E7

 430600

 2B0001

 000000

 F59944

 F59944

 F58C2C

 F5A65D

 F58013

 F5B275

 F57600

 F5BF8E

 F5CCA6

 F5D9BF

 F5E5D7

 F5F2F0

 F5FFFF

Harmonies

Analogous

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



FF8371



F59944



C6AE30

Triad

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



F59944



00CBB5



BC9CFF

Complementary

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



F59944



44A0F5

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.



3BB2FF



F59944



00C9EE

Square

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



F59944



26C77A



00C2FF



FB84E2

Rectangle

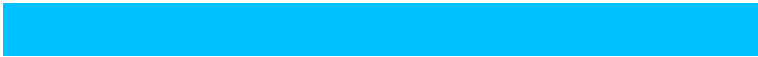
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F59944



A0B93C



00C2FF



9DA4FF

Sweetspot

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



F59944



FFE2C7



F544A2



806E5E



000000



808080

Same Dimension

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



F59944



FF8C21



F5EF44



7A746E



BA5900



3B1C00

Inverse Universe

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



44A0F5



2194FF



444AF5



6E757A



0061BA



001E3B

Previews

White Background



This preview shows how the Hex color F59944 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 F59944 Background



This preview shows how black text looks on a background with the Hex color F59944.



This preview shows how white text looks on a background with the Hex color F59944.

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
F59944

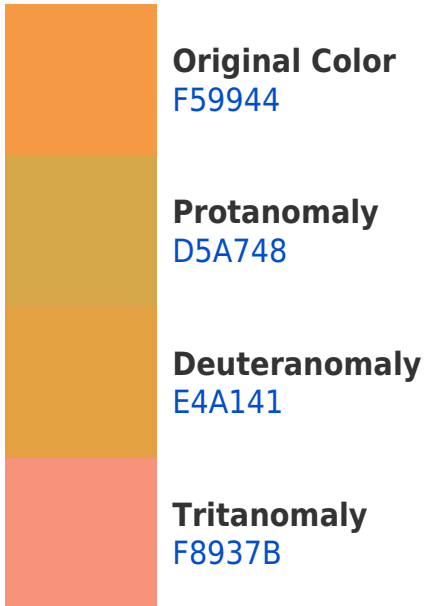
Protanopia
C3AF4A

Deuteranopia
DAA640

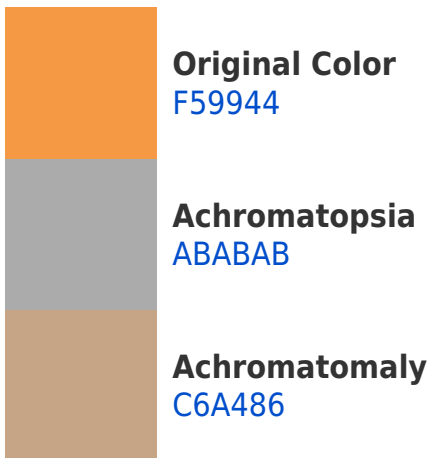


Tritanopia
FA909A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F59944 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 #F59944 looks like.

```
.text, #text, p{  
    color:#F59944  
}
```

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 #F59944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F59944
}
```

Border

The CSS property to change the border of an element to Hex F59944 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
#F59944 }
```

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

```
.border{ border-color:#F59944 }
```

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

Here you see how a box with a 4 pixel #F59944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F59944; -webkit-box-shadow:4px 4px  
4px 4px #F59944; box-shadow:4px 4px 4px  
4px #F59944 }
```

Background

The CSS property to change the background color of an element to Hex F59944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F59944 }
```

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

```
.background{ background-color:#F59944 }
```

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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