

# Converting Colors

Hex(F98239)

Have a look what the booklet for  
Hex(F98239) contains.

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**Color**

**Hex(F98239)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F98239
RGB	249, 130, 57
RGB Percent	98%, 51%, 22%
CMY	0.0235, 0.4902, 0.7765
CMYK	0.00, 0.48, 0.77, 0.02
HSL	23°, 94%, 60%
HSV	23°, 77%, 98%
XYZ	47.7881, 36.4004, 8.3782
YIQ	157.2590, 94.3570, 2.5250

# Conversions

## Conversions Part 2

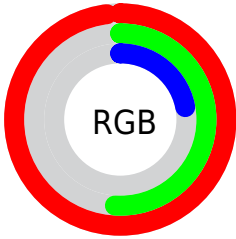
<b>Format</b>	<b>Color</b>
<b>RYB</b>	249, 175, 57
Decimal	16351801
CIELab	66.82, 40.58, 57.73
CIELCh	67, 70.570, 54.896
Yxy	36.4004, 0.5163, 0.3932
Android (android.graphics.Color)	4294541881 (0xFFFF98239)
YUV	157.2590, -49.4277, 80.4569
Hunter-Lab	60.3328, 35.8031, 33.9996

# Details

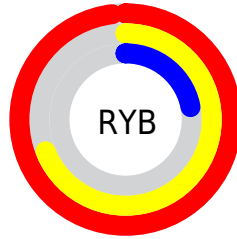
The Hex color **F98239** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **39B0F9**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFB86D**, and **BA4E00** is the 20% darker color. If you saturate the color by 10%, you get **F97320**, and if you desaturate by 10%, it is **F99152**.

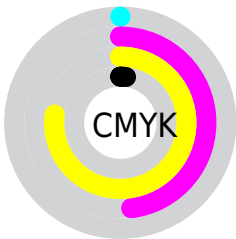
# Distribution



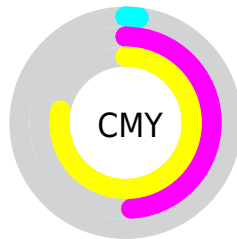
- Red (98%)
- Green (51%)
- Blue (22%)



- Red (98%)
- Yellow (69%)
- Blue (22%)



- Cyan (0%)
- Magenta (48%)
- Yellow (77%)
- Black (2%)



- Cyan (2%)
- Magenta (49%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F98239 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 F98239 by changing the saturation by 10% instead.



 F98239

 F98239

FFFFFF

 D9681E

 FFB86D

 BA4E00

 FFD587

 9B3500

 FFF1A2

 7D1A00

 FFFFBE

 5F0000

 FFFFDA

 420000

 FFFFF7

 280001

 000000

 F98239

 F98239

 F97320

 F99152

 F96307

 F9A16B

 F95F00

 F9B084

 F9C09D

 F9CFB5

 F9DFCE

 F9EEE7

 F9FDFD

 F9FFFF

# Harmonies

## Analogous

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



FF6971



F98239



CB9C03

# Triad

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



F98239



00BF95



8D96FF

# Complementary

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



F98239



39B0F9

# 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.



00ADFF



F98239



00C0D6

# Square

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



F98239



2FBA55



00BBFF



E579ED

# Rectangle

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



F98239



A4A906



00BBFF



5B9FFF



# Sweetspot

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



F98239



FFDBC4



F939B3



80695C



000000



808080



# Same Dimension

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



F98239



FF6C12



F9DF39



7D7570



BD4800



3D1700

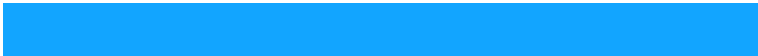


# Inverse Universe

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



39B0F9



12A5FF



3953F9



70787D



0075BD



00263D



# Previews

## White Background



This preview shows how the Hex color F98239 looks on a white background.

## Color Contrast Check

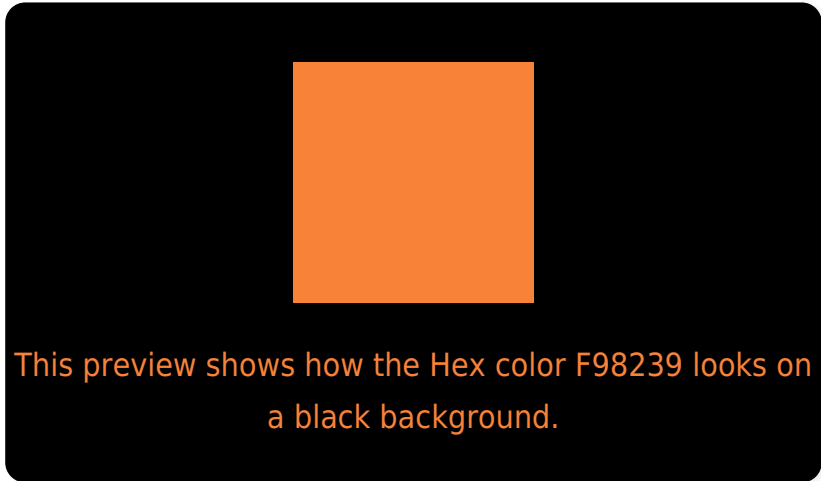
Large Text (above 18pt) WCAG AA × Fail

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 F98239 Background



This preview shows how black text looks on a background with the Hex color F98239.




This preview shows how white text looks on a background with the Hex color F98239.

# 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](#).

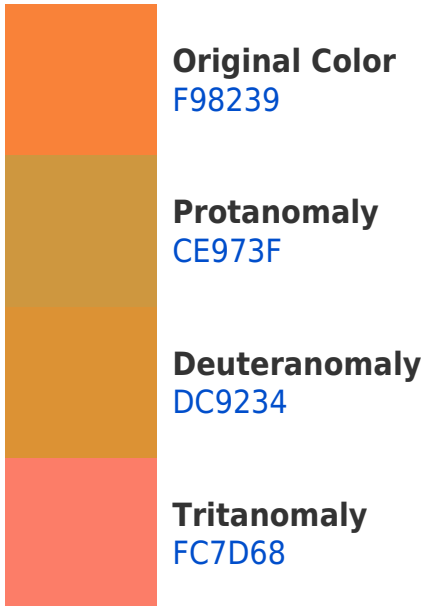
## Dichromacy



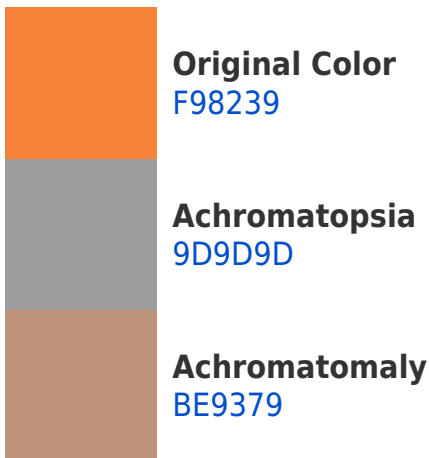


**Tritanopia**  
FD7A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F98239 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 #F98239 looks like.

```
.text, #text, p{  
    color:#F98239  
}
```

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 #F98239 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F98239
}
```

## Border

The CSS property to change the border of an element to Hex F98239 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
#F98239 }
```

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

```
.border{ border-color:#F98239 }
```

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

Here you see how a box with a 4 pixel #F98239 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F98239; -webkit-box-shadow:4px 4px  
4px 4px #F98239; box-shadow:4px 4px 4px  
4px #F98239 }
```

# Background

The CSS property to change the background color of an element to Hex F98239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F98239 }
```

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

```
.background{ background-color:#F98239 }
```

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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