

# Converting Colors

Hex(F78F39)

Have a look what the booklet for  
Hex(F78F39) contains.

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**Color**

**Hex(F78F39)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F78F39
RGB	247, 143, 57
RGB Percent	97%, 56%, 22%
CMY	0.0314, 0.4392, 0.7765
CMYK	0.00, 0.42, 0.77, 0.03
HSL	27°, 92%, 60%
HSV	27°, 77%, 97%
XYZ	48.9188, 39.7145, 8.9583
YIQ	164.2920, 89.5900, -4.6980

# Conversions

## Conversions Part 2

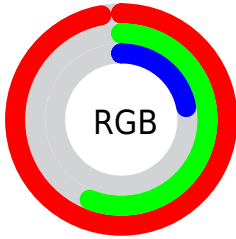
Format	Color
<a href="#">RYB</a>	247, 214, 57
Decimal	16224057
CIELab	69.27, 33.17, 60.02
CIELCh	69, 68.580, 61.073
Yxy	39.7145, 0.5013, 0.4069
Android (android.graphics.Color)	4294414137 (0xFFFF78F39)
YUV	164.2920, -52.8950, 72.5349
Hunter-Lab	63.0194, 28.2764, 35.6855

# Details

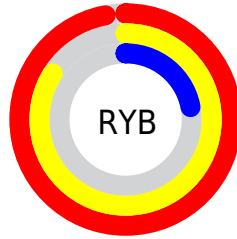
The Hex color **F78F39** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **39A1F7**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFC56D**, and **B95B00** is the 20% darker color. If you saturate the color by 10%, you get **F78120**, and if you desaturate by 10%, it is **F79D52**.

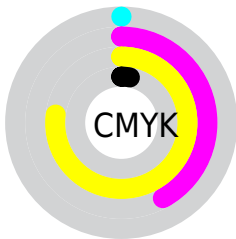
# Distribution



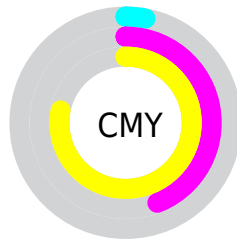
- Red (97%)
- Green (56%)
- Blue (22%)



- Red (97%)
- Yellow (84%)
- Blue (22%)



- Cyan (0%)
- Magenta (42%)
- Yellow (77%)
- Black (3%)



- Cyan (3%)
- Magenta (44%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F78F39 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 F78F39 by changing the saturation by 10% instead.



 F78F39

 F78F39

FFFFFF

 D8751D

 FFC56D

 B95B00

 FFE288

 9A4300

 FFFFA3

 7C2B00

 FFFFBF

 5F1200

 FFFFDC

 420000

 FFFFF9

 2B0001

 000000

 F78F39

 F78F39

 F78120

 F79D52

 F77408

 F7AA6A

 F77000

 F7B883

 F7C59C

 F7D3B4

 F7E0CD

 F7EEE6

 F7FBFF

 F7FFFF

# Harmonies

## Analogous

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



FF766D



F78F39



C6A718

# Triad

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



F78F39



00C6AA



AC98FF

# Complementary

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



F78F39



39A1F7

# 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.



00B0FF



F78F39



00C6E8

# Square

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



F78F39



12C26A



00BFFF



F67CE6

# Rectangle

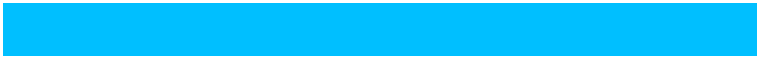
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F78F39



9EB325



00BFFF



86A0FF



# Sweetspot

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



F78F39



FFDFC4



F739A1



806C5C



000000



808080



# Same Dimension

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



F78F39



FF7F14



F7ED39



7A746E



BA5400



3B1B00

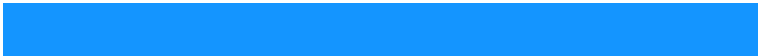


# Inverse Universe

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



39A1F7



1495FF



3942F7



6E757A



0066BA



00203B



# Previews

## White Background



This preview shows how the Hex color F78F39 looks on a white background.

## Color Contrast Check

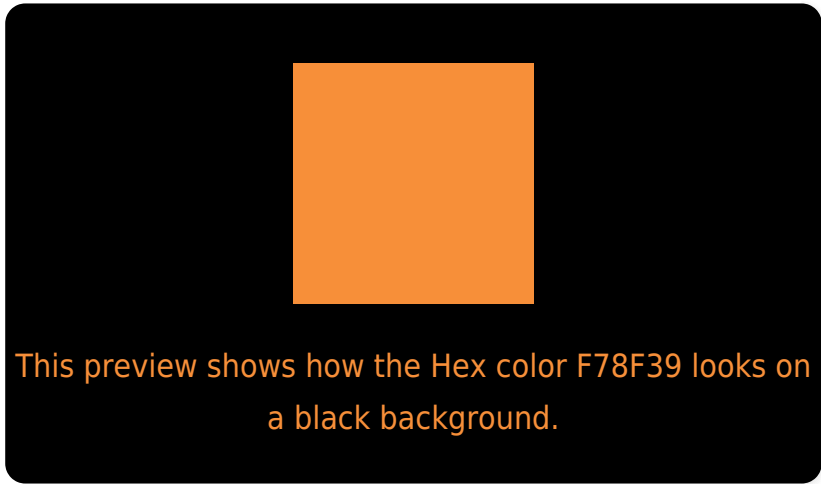
Large Text (above 18pt) WCAG AA × Fail

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 F78F39 Background



This preview shows how black text looks on a background with the Hex color F78F39.

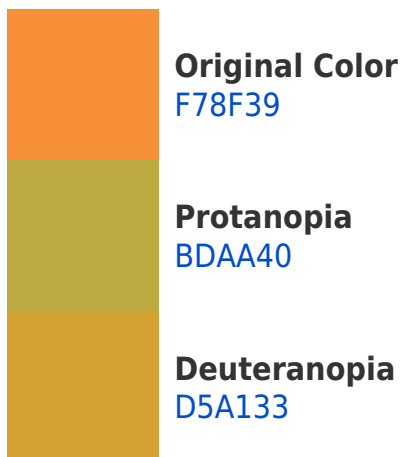


This preview shows how white text looks on a background with the Hex color F78F39.

# 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](#).

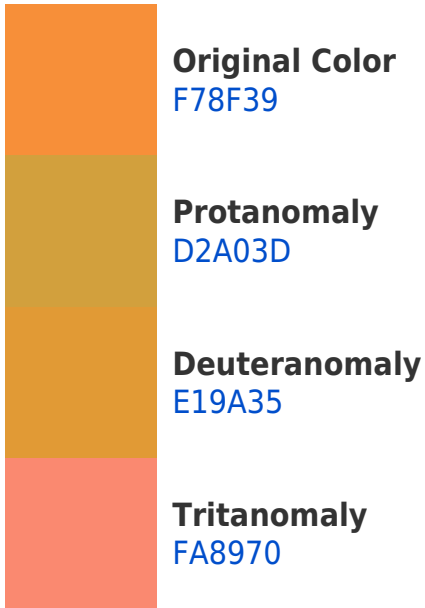
## Dichromacy





**Tritanopia**  
FC8690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F78F39 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 #F78F39 looks like.

```
.text, #text, p{  
    color:#F78F39  
}
```

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 #F78F39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F78F39
}
```

## Border

The CSS property to change the border of an element to Hex F78F39 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
#F78F39 }
```

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

```
.border{ border-color:#F78F39 }
```

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

Here you see how a box with a 4 pixel #F78F39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F78F39; -webkit-box-shadow:4px 4px  
4px 4px #F78F39; box-shadow:4px 4px 4px  
4px #F78F39 }
```

# Background

The CSS property to change the background color of an element to Hex F78F39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F78F39 }
```

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

```
.background{ background-color:#F78F39 }
```

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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