

# Converting Colors

Hex(F9AF39)

Have a look what the booklet for  
Hex(F9AF39) contains.

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# **Color**

**Hex(F9AF39)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9AF39
RGB	249, 175, 57
RGB Percent	98%, 69%, 22%
CMY	0.0235, 0.3137, 0.7765
CMYK	0.00, 0.30, 0.77, 0.02
HSL	37°, 94%, 60%
HSV	37°, 77%, 98%
XYZ	55.1354, 51.0951, 10.8273
YIQ	183.6740, 81.9820, -21.0100

# Conversions

## Conversions Part 2

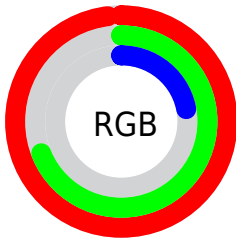
Format	Color
<a href="#">RYB</a>	<a href="#">177, 249, 57</a>
Decimal	<a href="#">16363321</a>
<a href="#">CIELab</a>	<a href="#">76.74, 17.27, 67.23</a>
<a href="#">CIElCh</a>	<a href="#">77, 69.416, 75.593</a>
<a href="#">Yxy</a>	<a href="#">51.0951, 0.4710, 0.4365</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294553401 (0xFFFF9AF39)</a>
<a href="#">YUV</a>	<a href="#">183.6740, -62.4503, 57.2909</a>
<a href="#">Hunter-Lab</a>	<a href="#">71.4808, 12.5912, 41.0559</a>

# Details

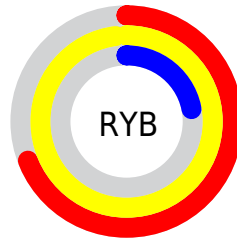
The Hex color **F9AF39** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **3983F9**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFE670**, and **BB7B00** is the 20% darker color. If you saturate the color by 10%, you get **F9A520**, and if you desaturate by 10%, it is **F9B952**.

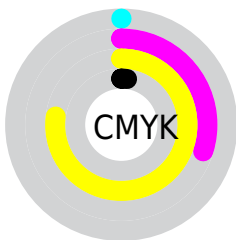
# Distribution



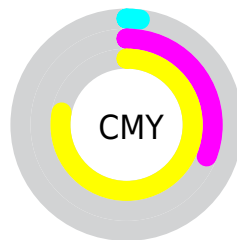
- Red (98%)
- Green (69%)
- Blue (22%)



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



- Cyan (0%)
- Magenta (30%)
- Yellow (77%)
- Black (2%)



- Cyan (2%)
- Magenta (31%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F9AF39 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 F9AF39 by changing the saturation by 10% instead.



 F9AF39

 F9AF39

FFFFFF

 DA9419

 FFE670

 BB7B00

 FFFF8C

 9D6200

 FFFFA7

 804A00

 FFFFC4

 633300

 FFFFEE

 471E00

FFFFFFE

 2D0900

 080000

 000000

 F9AF39

 F9AF39

 F9A520

 F9B952

 F99C07

 F9C26B

 F99900

 F9CC84

 F9D59D

 F9DFB5

 F9E9CE

 F9F2E7

 F9FCFF

 F9FFFF

# Harmonies

## Analogous

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



FF9564



F9AF39



BFC535

# Triad

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



F9AF39



00DCDE



EC9EFF

# Complementary

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



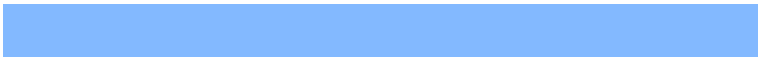
F9AF39



3983F9

# 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.



83B9FF



F9AF39



00D9FF

# Square

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



F9AF39



00DA9B



00CDFE



FF86DF

# Rectangle

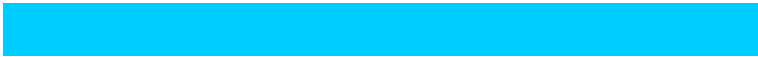
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F9AF39



91CF4D



00CDFF



D0A7FF



# Sweetspot

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



F9AF39



FFE8C4



F93986



80725C



000000



808080



# Same Dimension

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



F9AF39



FFA412



E6F939



7D7870



BD7400



3D2600



# Inverse Universe

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



3983F9



126DFF



4C39F9



70757D



0049BD



00183D



# Previews

## White Background



This preview shows how the Hex color F9AF39 looks on a white background.

## Color Contrast Check

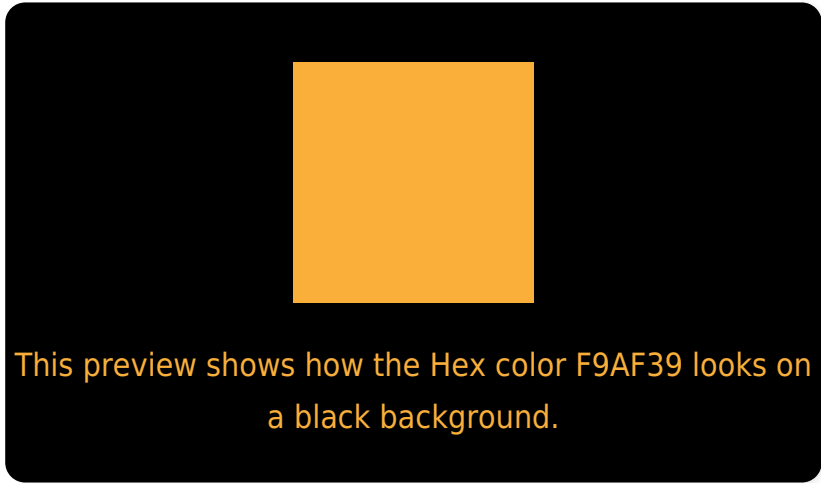
Large Text (above 18pt) WCAG AA × Fail

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 F9AF39 Background



This preview shows how black text looks on a background with the Hex color F9AF39.



This preview shows how white text looks on a background with the Hex color F9AF39.

# 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**  
F9AF39

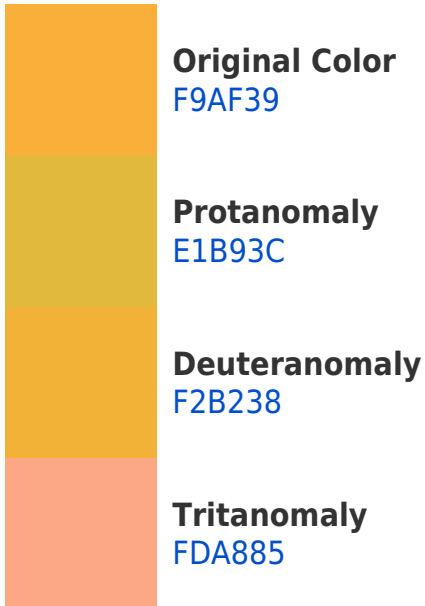
**Protanopia**  
D4BE3D

**Deuteranopia**  
EEB437

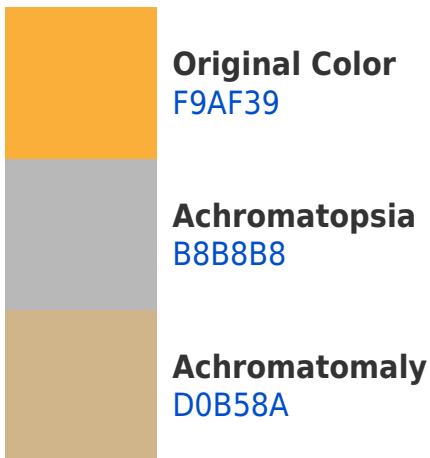


**Tritanopia**  
FFA4B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F9AF39 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 #F9AF39 looks like.

```
.text, #text, p{  
    color:#F9AF39  
}
```

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 #F9AF39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9AF39
}
```

## Border

The CSS property to change the border of an element to Hex F9AF39 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
#F9AF39 }
```

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

```
.border{ border-color:#F9AF39 }
```

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

Here you see how a box with a 4 pixel #F9AF39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9AF39; -webkit-box-shadow:4px 4px  
4px 4px #F9AF39; box-shadow:4px 4px 4px  
4px #F9AF39 }
```

# Background

The CSS property to change the background color of an element to Hex F9AF39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9AF39 }
```

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

```
.background{ background-color:#F9AF39 }
```

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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