

# Converting Colors

Hex(F9BF39)

Have a look what the booklet for  
Hex(F9BF39) contains.

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# **Color**

**Hex(F9BF39)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9BF39
RGB	249, 191, 57
RGB Percent	98%, 75%, 22%
CMY	0.0235, 0.2510, 0.7765
CMYK	0.00, 0.23, 0.77, 0.02
HSL	42°, 94%, 60%
HSV	42°, 77%, 98%
XYZ	58.4362, 57.6967, 11.9276
YIQ	193.0660, 77.5820, -29.3780

# Conversions

## Conversions Part 2

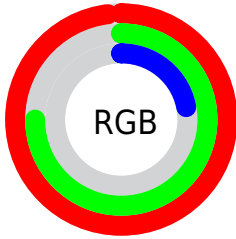
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 249, 57
Decimal	16367417
CIE <sub>Lab</sub>	80.57, 8.91, 70.80
CIE <sub>LCh</sub>	81, 71.362, 82.828
Yxy	57.6967, 0.4563, 0.4505
Android (android.graphics.Color)	4294557497 (0xFFFF9BF39)
YUV	193.0660, -67.0805, 49.0541
Hunter-Lab	75.9584, 4.3963, 43.8607

# Details

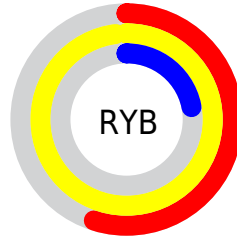
The Hex color **F9BF39** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **3973F9**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFF772**, and **BC8A00** is the 20% darker color. If you saturate the color by 10%, you get **F9B720**, and if you desaturate by 10%, it is **F9C752**.

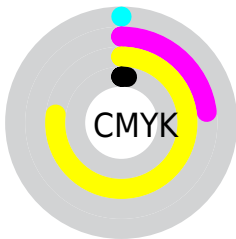
# Distribution



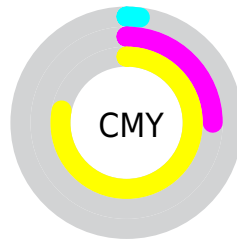
- Red (98%)
- Green (75%)
- Blue (22%)



- Red (55%)
- Yellow (98%)
- Blue (22%)



- Cyan (0%)
- Magenta (23%)
- Yellow (77%)
- Black (2%)



- Cyan (2%)
- Magenta (25%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F9BF39 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 F9BF39 by changing the saturation by 10% instead.



 F9BF39

 F9BF39

FFFFFF

 DAA417

 FFF772

 BC8A00

 FFFF8D

 9E7100

 FFFFAA

 815800

 FFFFC6

 644100

 FFFFEE3

 482C00

 2E1700

 160000

 000000

 F9BF39

 F9BF39

 F9B720

 F9C752

 F9B007

 F9CE6B

 F9AE00

 F9D684

 F9DD9D

 F9E5B5

 F9ECCE

 F9F4E7

 F9FBFF

 F9FFFF

# Harmonies

## Analogous

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



FFA55E



F9BF39



BAD442

# Triad

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



F9BF39



00E8FA



FFA1FF

# Complementary

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



F9BF39



3973F9

# 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.



ADBDFE



F9BF39



00E2FF

# Square

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



F9BF39



00E7B5



00D4FF



FF8CDB

# Rectangle

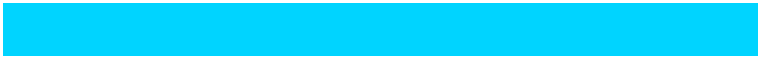
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F9BF39



86DD60



00D4FF



F1AAFF

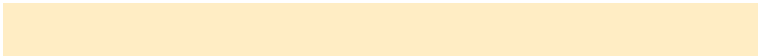


# Sweetspot

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



F9BF39



FFEDC4



F93976



80755C



000000



808080



# Same Dimension

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



F9BF39



FFB712



D6F939



7D7970



BD8400



3D2B00



# Inverse Universe

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



3973F9



1259FF



5C39F9



70747D



0039BD



00123D



# Previews

## White Background



This preview shows how the Hex color F9BF39 looks on a white background.

## Color Contrast Check

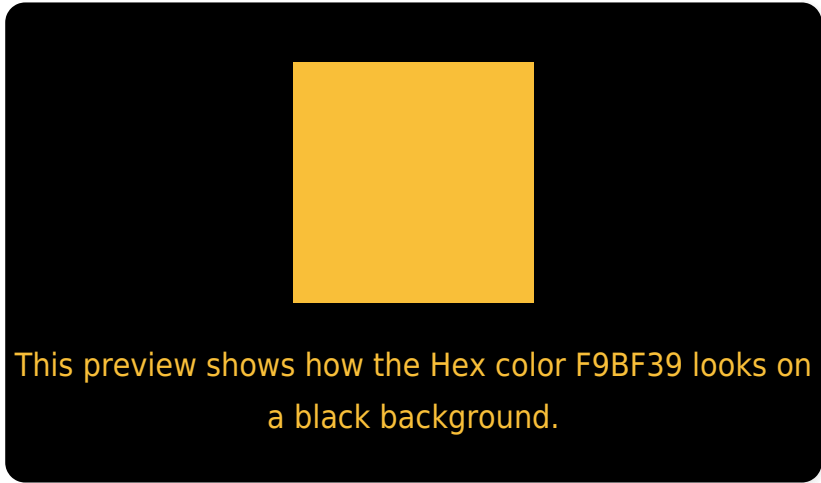
Large Text (above 18pt) WCAG AA × Fail

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 F9BF39 Background



This preview shows how black text looks on a background with the Hex color F9BF39.



This preview shows how white text looks on a background with the Hex color F9BF39.

# 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**  
F9BF39

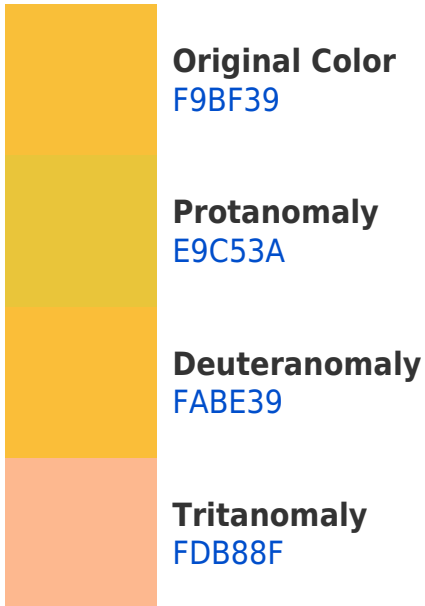
**Protanopia**  
E0C93B

**Deuteranopia**  
FBBE39



**Tritanopia**  
FFB4C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F9BF39 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 #F9BF39 looks like.

```
.text, #text, p{  
    color:#F9BF39  
}
```

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 #F9BF39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9BF39
}
```

## Border

The CSS property to change the border of an element to Hex F9BF39 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
#F9BF39 }
```

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

```
.border{ border-color:#F9BF39 }
```

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

Here you see how a box with a 4 pixel #F9BF39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9BF39; -webkit-box-shadow:4px 4px  
4px 4px #F9BF39; box-shadow:4px 4px 4px  
4px #F9BF39 }
```

# Background

The CSS property to change the background color of an element to Hex F9BF39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9BF39 }
```

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

```
.background{ background-color:#F9BF39 }
```

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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