

# Converting Colors

Hex(F9CA1B)

Have a look what the booklet for  
Hex(F9CA1B) contains.

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**Color**

**Hex(F9CA1B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9CA1B
RGB	249, 202, 27
RGB Percent	98%, 79%, 11%
CMY	0.0235, 0.2078, 0.8941
CMYK	0.00, 0.19, 0.89, 0.02
HSL	47°, 95%, 54%
HSV	47°, 89%, 98%
XYZ	60.3853, 62.4599, 9.9102
YIQ	196.1030, 84.1870, -44.4610

# Conversions

## Conversions Part 2

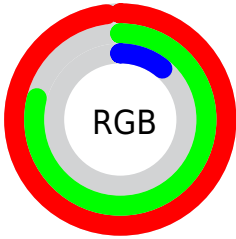
Format	Color
<a href="#">RYB</a>	<a href="#">87, 249, 27</a>
Decimal	<a href="#">16370203</a>
CIELab	<a href="#">83.16, 2.43, 81.00</a>
CIELCh	<a href="#">83, 81.033, 88.280</a>
Yxy	<a href="#">62.4599, 0.4549, 0.4705</a>
Android (android.graphics.Color)	<a href="#">4294560283 (0xFFFF9CA1B)</a>
YUV	<a href="#">196.1030, -83.3678, 46.3907</a>
Hunter-Lab	<a href="#">79.0316, -1.9197, 47.8874</a>

# Details

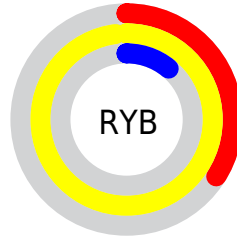
The Hex color **F9CA1B** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **1B4AF9**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFF5F**, and **BB9400** is the 20% darker color. If you saturate the color by 10%, you get **F9C502**, and if you desaturate by 10%, it is **F9CF34**.

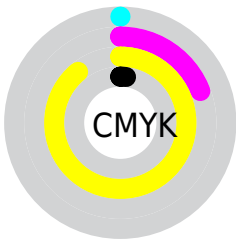
# Distribution



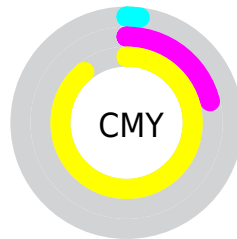
- Red (98%)
- Green (79%)
- Blue (11%)



- Red (34%)
- Yellow (98%)
- Blue (11%)



- Cyan (0%)
- Magenta (19%)
- Yellow (89%)
- Black (2%)



- Cyan (2%)
- Magenta (21%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F9CA1B 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 F9CA1B by changing the saturation by 10% instead.



 F9CA1B

 F9CA1B

FFFFFF

 DAAF00

 FFFF5F

 BB9400

 FFFF7C

 9D7B00

 FFFF99

 806200

 FFFFB6

 634B00

 FFFFD3

 483500

 FFFFF1

 2E2000

 150900

 000000

 F9CA1B

 F9CA1B

 F9C502

 F9CF34

 F9C400

 F9D54D

 F9DA66

 F9DF7F

 F9E497

 F9EAB0

 F9EFC9

 F9F4E2

 F9F9FB

# Harmonies

## Analogous

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



FFAC4A



F9CA1B



AEE038

# Triad

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



F9CA1B



00F2FF



FF9BFF

# Complementary

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



F9CA1B



1B4AF9

# 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.



C6BDFE



F9CA1B



00EBFF

# Square

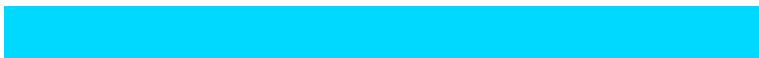
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F9CA1B



00F3C8



00D9FF



FF85D7

# Rectangle

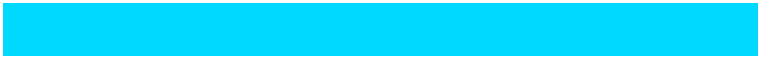
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F9CA1B



6BE963



00D9FF



FFA6FF



# Sweetspot

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



F9CA1B



FFF0BA



F91B4B



807757



000000



808080



# Same Dimension

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



F9CA1B



FFC900



BAF91B



7D7A70



BD9500



3D3000



# Inverse Universe

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



1B4AF9



0036FF



5A1BF9



70737D



0028BD



000D3D



# Previews

## White Background



This preview shows how the Hex color F9CA1B 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



This preview shows how the Hex color F9CA1B looks on a 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 F9CA1B Background



This preview shows how black text looks on a background with the Hex color F9CA1B.

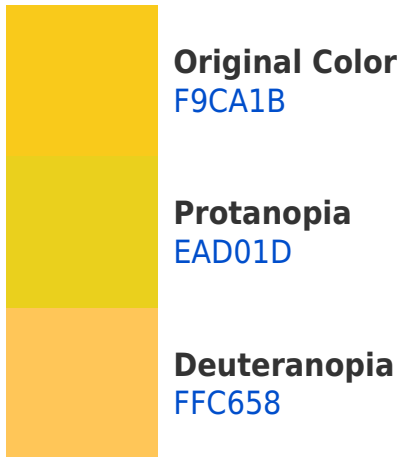


This preview shows how white text looks on a background with the Hex color F9CA1B.

# 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](#).

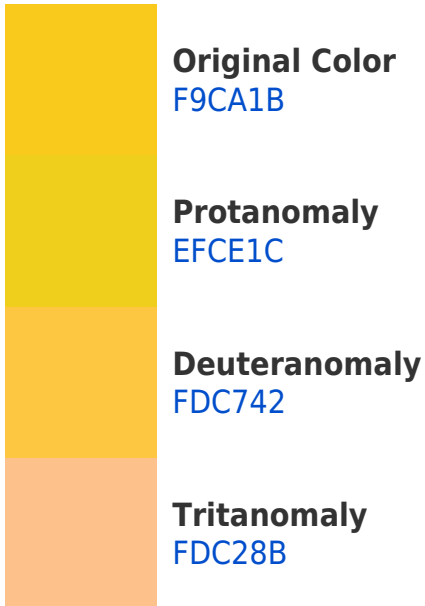
## Dichromacy



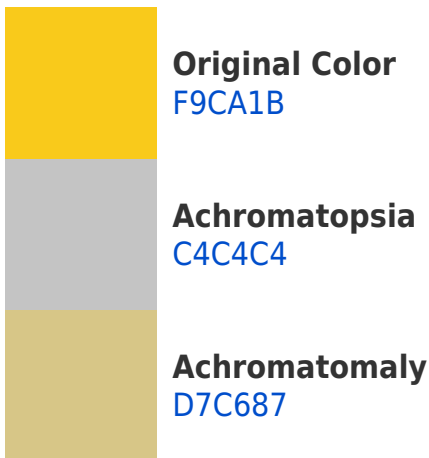


**Tritanopia**  
FFBECB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F9CA1B 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 #F9CA1B looks like.

```
.text, #text, p{  
    color:#F9CA1B  
}
```

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 #F9CA1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9CA1B
}
```

## Border

The CSS property to change the border of an element to Hex F9CA1B 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
#F9CA1B }
```

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

```
.border{ border-color:#F9CA1B }
```

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

Here you see how a box with a 4 pixel #F9CA1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9CA1B; -webkit-box-shadow:4px 4px  
4px 4px #F9CA1B; box-shadow:4px 4px 4px  
4px #F9CA1B }
```

# Background

The CSS property to change the background color of an element to Hex F9CA1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9CA1B }
```

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

```
.background{ background-color:#F9CA1B }
```

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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