

# Converting Colors

Hex(F9CE4E)

Have a look what the booklet for  
Hex(F9CE4E) contains.

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# **Color**

**Hex(F9CE4E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9CE4E
RGB	249, 206, 78
RGB Percent	98%, 81%, 31%
CMY	0.0235, 0.1922, 0.6941
CMYK	0.00, 0.17, 0.69, 0.02
HSL	45°, 93%, 64%
HSV	45°, 69%, 98%
XYZ	62.5134, 64.8324, 16.4268
YIQ	204.2650, 66.7160, -30.6920

# Conversions

## Conversions Part 2

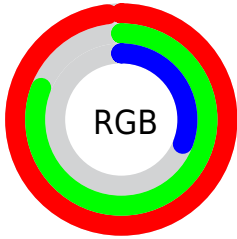
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 249, 78</a>
Decimal	<a href="#">16371278</a>
CIELab	<a href="#">84.40, 2.08, 66.63</a>
CIELCh	<a href="#">84, 66.661, 88.213</a>
Yxy	<a href="#">64.8324, 0.4348, 0.4509</a>
Android (android.graphics.Color)	<a href="#">4294561358 (0xFFFF9CE4E)</a>
YUV	<a href="#">204.2650, -62.2486, 39.2326</a>
Hunter-Lab	<a href="#">80.5186, -2.3229, 44.2671</a>

# Details

The Hex color **F9CE4E** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4E79F9**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF85**, and **BD980C** is the 20% darker color. If you saturate the color by 10%, you get **F9C835**, and if you desaturate by 10%, it is **F9D467**.

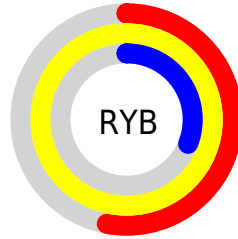
# Distribution



Red (98%)

Green (81%)

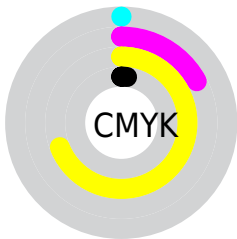
Blue (31%)



Red (53%)

Yellow (98%)

Blue (31%)

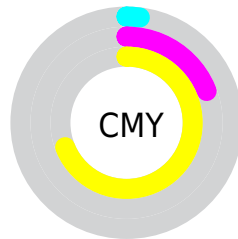


Cyan (0%)

Magenta (17%)

Yellow (69%)

Black (2%)



Cyan (2%)

Magenta (19%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F9CE4E 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 F9CE4E by changing the saturation by 10% instead.



 F9CE4E

 F9CE4E

FFFFFF

 DBB331

 FFFF85

 BD980C

 FFFFA1

 9F7E00

 FFFFBD


 826600

 FFFFDA

 664E00

 FFFFF7

 4B3800

 312200

 180D00

 000000

 F9CE4E

 F9CE4E

 F9C835

 F9D467

 F9C11C

 F9DB80

 F9BB03

 F9E199

 F9BA00

 F9E7B2

 F9EDCB

 F9F4E3

 F9FAFC

 F9FFFF

# Harmonies

## Analogous

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



FFB668



F9CE4E



BAE05D

# Triad

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



F9CE4E



00F1FF



FFAAFF

# Complementary

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



F9CE4E



4E79F9

# 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.



CFC4FF



F9CE4E



00EAFB

# Square

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



F9CE4E



00F1CD



36DBFF



FF9BD9

# Rectangle

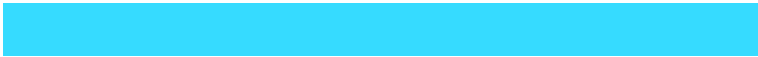
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F9CE4E



87E97B



36DBFF



FFB2FF



# Sweetspot

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



F9CE4E



FFF2C9



F94E7C



807760



000000



808080



# Same Dimension

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



F9CE4E



FFCA2E



D1F94E



7D7A70



BD8D00



3D2E00



# Inverse Universe

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



4E79F9



2E62FF



764EF9



70747D



002FBD



000F3D



# Previews

## White Background



This preview shows how the Hex color F9CE4E looks on a white background.

## Color Contrast Check

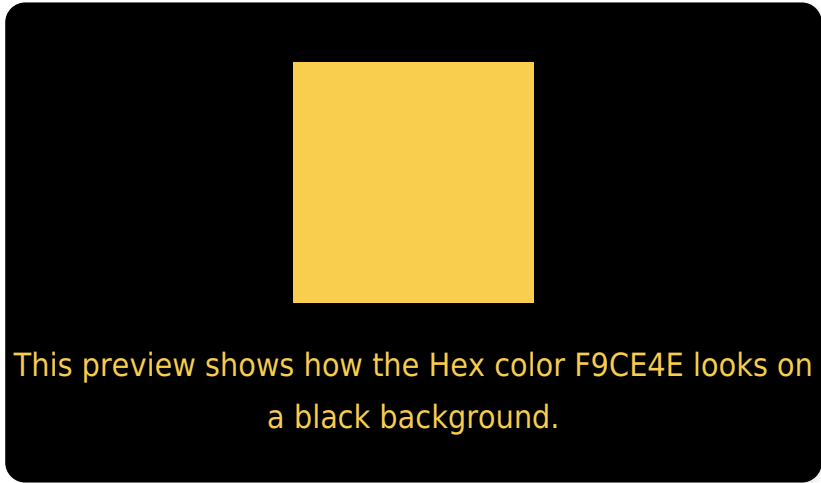
Large Text (above 18pt) WCAG AA × Fail

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 F9CE4E Background



This preview shows how black text looks on a background with the Hex color F9CE4E.

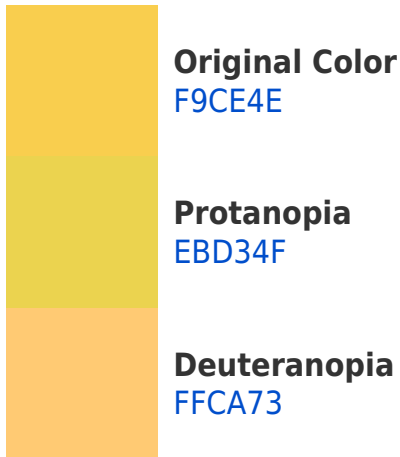


This preview shows how white text looks on a background with the Hex color F9CE4E.

# 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](#).

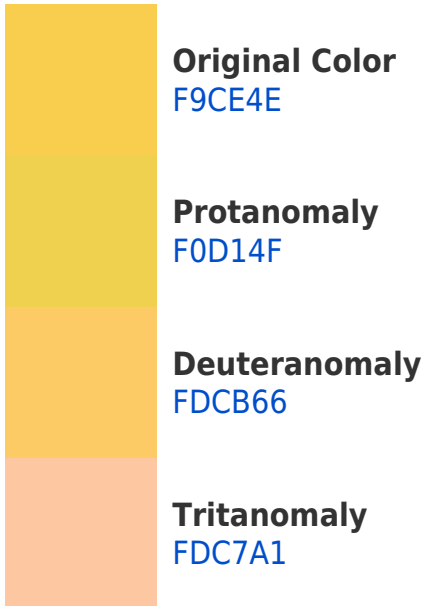
## Dichromacy





**Tritanopia**  
FFC3D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F9CE4E 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 #F9CE4E looks like.

```
.text, #text, p{  
    color:#F9CE4E  
}
```

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 #F9CE4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9CE4E
}
```

## Border

The CSS property to change the border of an element to Hex F9CE4E 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
#F9CE4E }
```

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

```
.border{ border-color:#F9CE4E }
```

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

Here you see how a box with a 4 pixel #F9CE4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9CE4E; -webkit-box-shadow:4px 4px  
4px 4px #F9CE4E; box-shadow:4px 4px 4px  
4px #F9CE4E }
```

# Background

The CSS property to change the background color of an element to Hex F9CE4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9CE4E }
```

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

```
.background{ background-color:#F9CE4E }
```

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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