

# Converting Colors

Hex(F89429)

Have a look what the booklet for  
Hex(F89429) contains.

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# **Color**

**Hex(F89429)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F89429
RGB	248, 148, 41
RGB Percent	97%, 58%, 16%
CMY	0.0275, 0.4196, 0.8392
CMYK	0.00, 0.40, 0.83, 0.03
HSL	31°, 94%, 57%
HSV	31°, 83%, 97%
XYZ	49.7015, 41.2964, 7.4493
YIQ	165.7020, 93.9470, -12.0770

# Conversions

## Conversions Part 2

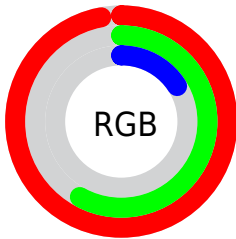
<b>Format</b>	<b>Color</b>
<b>RYB</b>	234, 248, 41
Decimal	16290857
CIELab	70.38, 30.48, 67.14
CIELCh	70, 73.733, 65.581
Yxy	41.2964, 0.5049, 0.4195
Android (android.graphics.Color)	4294480937 (0xFFFF89429)
YUV	165.7020, -61.4781, 72.1753
Hunter-Lab	64.2622, 25.5961, 38.1107

# Details

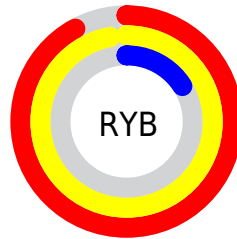
The Hex color **F89429** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **298DF8**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFCB61**, and **B96100** is the 20% darker color. If you saturate the color by 10%, you get **F88810**, and if you desaturate by 10%, it is **F8A042**.

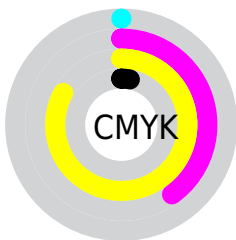
# Distribution



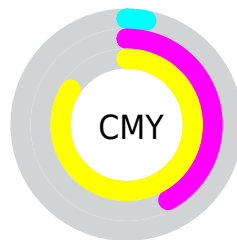
- Red (97%)
- Green (58%)
- Blue (16%)



- Red (92%)
- Yellow (97%)
- Blue (16%)



- Cyan (0%)
- Magenta (40%)
- Yellow (83%)
- Black (3%)



- Cyan (3%)
- Magenta (42%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F89429 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 F89429 by changing the saturation by 10% instead.



 F89429

 F89429

FFFFFF

 D87A01

 FFCB61

 B96100

 FFE77C

 9B4800

 FFFF97

 7C3000

 FFFFB3

 5F1900

 FFFFCF

 430000

 FFFFEC

 2C0001

 000000

 F89429

 F89429

 F88810

 F8A042

 F88000

 F8AC5B

 F8B873

 F8C48C

 F8D0A5

 F8DCBE

 F8E8D7

 F8F4EF

 F8FFFF

# Harmonies

## Analogous

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



FF7762



F89429



C1AD00

# Triad

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



F89429



00CBB7



BD95FF

# Complementary

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



F89429



298DF8

# 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



F89429



00CAF9

# Square

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



F89429



00C872



00C2FF



FF76E5

# Rectangle

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



F89429



95B91E



00C2FF



989FFF



# Sweetspot

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



F89429



FFE0BF



F8298D



806D59



000000



808080



# Same Dimension

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



F89429



FF8400



F5F829



7D7770



BD6200



3D2000



# Inverse Universe

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



298DF8



007BFF



2C29F8



70767D



005BBD



001E3D



# Previews

## White Background



This preview shows how the Hex color F89429 looks on a white background.

## Color Contrast Check

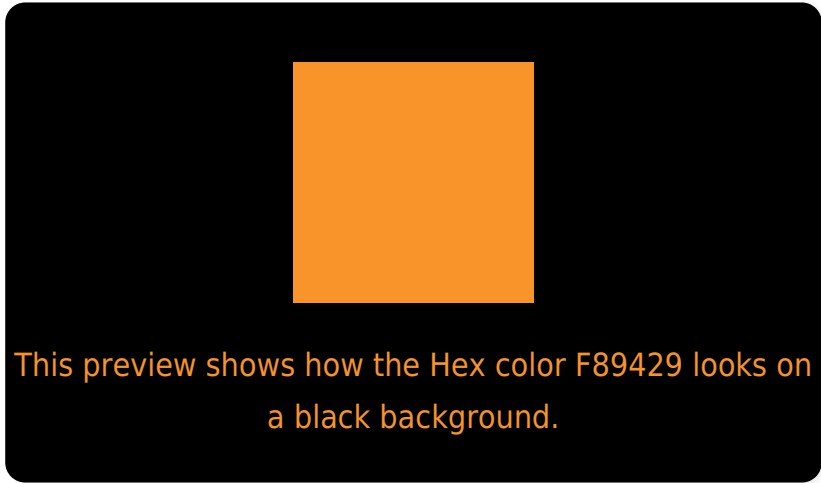
Large Text (above 18pt) WCAG AA × Fail

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 F89429 Background



This preview shows how black text looks on a background with the Hex color F89429.



This preview shows how white text looks on a background with the Hex color F89429.

# 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**  
F89429

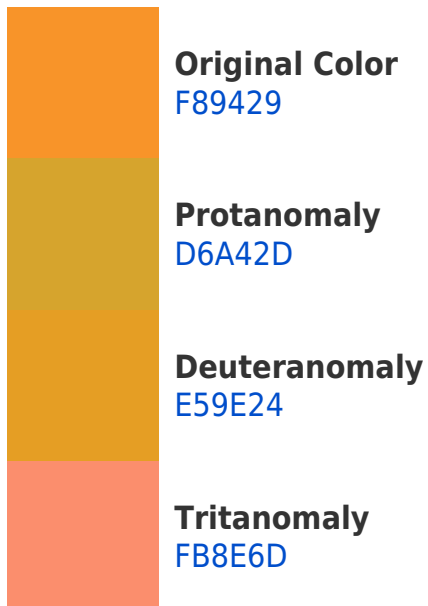
**Protanopia**  
C2AD2F

**Deuteranopia**  
DAA421

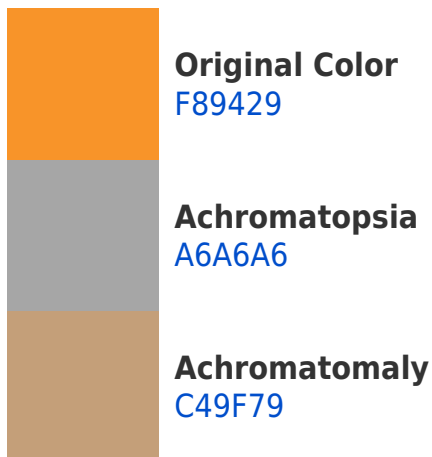


**Tritanopia**  
FD8A94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F89429 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 #F89429 looks like.

```
.text, #text, p{  
    color:#F89429  
}
```

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 #F89429 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F89429
}
```

## Border

The CSS property to change the border of an element to Hex F89429 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
#F89429 }
```

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

```
.border{ border-color:#F89429 }
```

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

Here you see how a box with a 4 pixel #F89429 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F89429; -webkit-box-shadow:4px 4px  
4px 4px #F89429; box-shadow:4px 4px 4px  
4px #F89429 }
```

# Background

The CSS property to change the background color of an element to Hex F89429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F89429 }
```

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

```
.background{ background-color:#F89429 }
```

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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