

# Converting Colors

Hex(F49927)

Have a look what the booklet for  
Hex(F49927) contains.

<b>Hex(F49927)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F49927)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F49927
RGB	244, 153, 39
RGB Percent	96%, 60%, 15%
CMY	0.0431, 0.4000, 0.8471
CMYK	0.00, 0.37, 0.84, 0.04
HSL	33°, 90%, 55%
HSV	33°, 84%, 96%
XYZ	49.0657, 42.1620, 7.4715
YIQ	167.2130, 90.8300, -16.1620

# Conversions

## Conversions Part 2

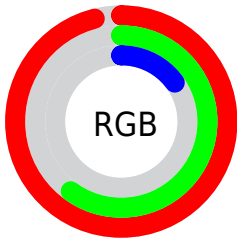
Format	Color
R <sub>Y</sub> B	203, 244, 39
Decimal	16029991
CIE Lab	70.98, 26.17, 68.09
CIE LCh	71, 72.947, 68.974
Yxy	42.1620, 0.4971, 0.4272
Android (android.graphics.Color)	4294220071 (0xFF49927)
YUV	167.2130, -63.2090, 67.3422
Hunter-Lab	64.9323, 21.2508, 38.6304

# Details

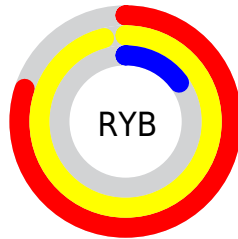
The Hex color **F49927** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2782F4**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFD05F**, and **B66600** is the 20% darker color. If you saturate the color by 10%, you get **F48E0F**, and if you desaturate by 10%, it is **F4A43F**.

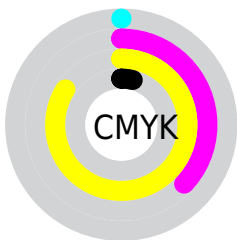
# Distribution



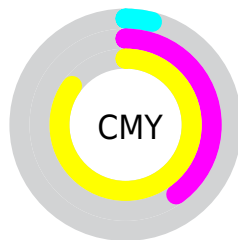
- Red (96%)
- Green (60%)
- Blue (15%)



- Red (80%)
- Yellow (96%)
- Blue (15%)



- Cyan (0%)
- Magenta (37%)
- Yellow (84%)
- Black (4%)



- Cyan (4%)
- Magenta (40%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F49927 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 F49927 by changing the saturation by 10% instead.



 F49927

 F49927

FFFFFF

 D57F00

 FFD05F

 B66600

 FFEC7B

 974D00

 FFFF96

 793600

 FFFFB2

 5C1F00

 FFFFCF

 400800

 FFFFEC

 290001

 000000

 F49927

 F49927

 F48E0F

 F4A43F

 F48800

 F4AF58

 F4B970

 F4C489

 F4CFA1

 F4DAB9

 F4E5D2

 F4F0EA

 F4FAFF

# Harmonies

## Analogous

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



FF7D5D



F49927



BCB108

# Triad

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



F49927



00CDC0



CA93FF

# Complementary

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



F49927



2782F4

# 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.



30AFFF



F49927



00CBFF

# Square

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



F49927



00CA7B



00C2FF



FF76DF

# Rectangle

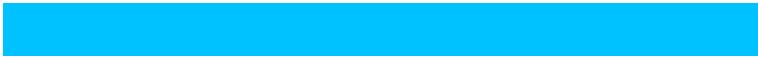
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F49927



8FBD29



00C2FF



A89DFF



# Sweetspot

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



F49927



FFE3BF



F42783



806F59



000000



808080



# Same Dimension

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



F49927



FF8E00



EAF427



7A756E



BA6800



3B2100



# Inverse Universe

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



2782F4



0071FF



3127F4



6E747A



0053BA



001A3B



# Previews

## White Background



This preview shows how the Hex color F49927 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 F49927 Background



This preview shows how black text looks on a background with the Hex color F49927.



This preview shows how white text looks on a background with the Hex color F49927.

# 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**  
F49927

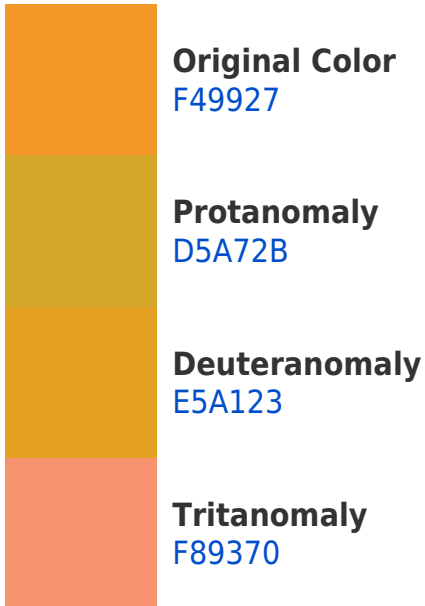
**Protanopia**  
C4AF2D

**Deuteranopia**  
DCA520



**Tritanopia**  
FA8F99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F49927 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 #F49927 looks like.

```
.text, #text, p{  
    color:#F49927  
}
```

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 #F49927 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F49927
}
```

## Border

The CSS property to change the border of an element to Hex F49927 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
#F49927 }
```

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

```
.border{ border-color:#F49927 }
```

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

Here you see how a box with a 4 pixel #F49927 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F49927; -webkit-box-shadow:4px 4px  
4px 4px #F49927; box-shadow:4px 4px 4px  
4px #F49927 }
```

# Background

The CSS property to change the background color of an element to Hex F49927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F49927 }
```

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

```
.background{ background-color:#F49927 }
```

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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