

Converting Colors

Hex(F49747)

Have a look what the booklet for
Hex(F49747) contains.

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Color

Hex(F49747)

Conversions

Conversions Part 1

Format	Color
Hex	F49747
RGB	244, 151, 71
RGB Percent	96%, 59%, 28%
CMY	0.0431, 0.4078, 0.7216
CMYK	0.00, 0.38, 0.71, 0.04
HSL	28°, 89%, 62%
HSV	28°, 71%, 96%
XYZ	49.5122, 41.8212, 11.4240
YIQ	169.6870, 81.1080, -5.1640

Conversions

Conversions Part 2

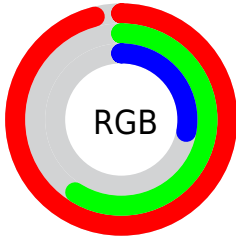
Format	Color
R_{YB}	244, 220, 71
Decimal	16029511
CIE Lab	70.75, 28.40, 55.23
CIE LCh	71, 62.108, 62.790
Yxy	41.8212, 0.4818, 0.4070
Android (android.graphics.Color)	4294219591 (0xFFFF49747)
YUV	169.6870, -48.6527, 65.1725
Hunter-Lab	64.6693, 23.4919, 34.7948

Details

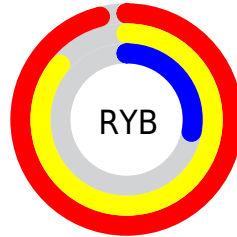
The Hex color **F49747** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **47A4F4**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFCE7B**, and **B76310** is the 20% darker color. If you saturate the color by 10%, you get **F48A2F**, and if you desaturate by 10%, it is **F4A45F**.

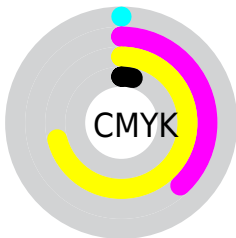
Distribution



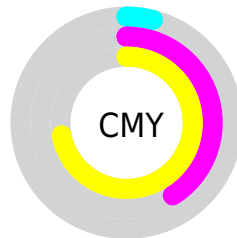
- Red (96%)
- Green (59%)
- Blue (28%)



- Red (96%)
- Yellow (86%)
- Blue (28%)



- Cyan (0%)
- Magenta (38%)
- Yellow (71%)
- Black (4%)



- Cyan (4%)
- Magenta (41%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color F49747 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 F49747 by changing the saturation by 10% instead.

 F49747

 F49747

FFFFFF

 D57D2D

 FFCE7B

 B76310

 FFEA96

 984B00

 FFFFB1

 7B3300

 FFFFCD

 5E1C00

 FFFFEA

 420400

 2B0001

 000000

 F49747

 F49747

 F48A2F

 F4A45F

 F47D16

 F4B178

 F47100

 F4BE90

 F4CBA9

 F4D9C1

 F4E6D9

 F4F3F2

 F4FFFF

Harmonies

Analogous

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



FF8273



F49747



C7AC33

Triad

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



F49747



00C9B1



B69CFF

Complementary

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



F49747



47A4F4

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.



34B2FF



F49747



00C7E9

Square

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



F49747



34C577



00C0FF



F685E2

Rectangle

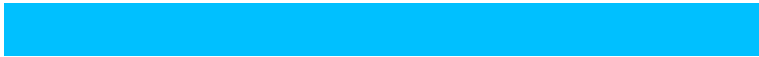
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F49747



A2B73D



00C0FF



97A4FF

Sweetspot

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



F49747



FFE2C9



F447A6



806E60



000000



808080

Same Dimension

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



F49747



FF8A26



F4EB47



7A746E



BA5600



3B1B00

Inverse Universe

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



47A4F4



269BFF



4750F4



6E757A



0064BA



00203B

Previews

White Background



This preview shows how the Hex color F49747 looks on a white background.

Color Contrast Check

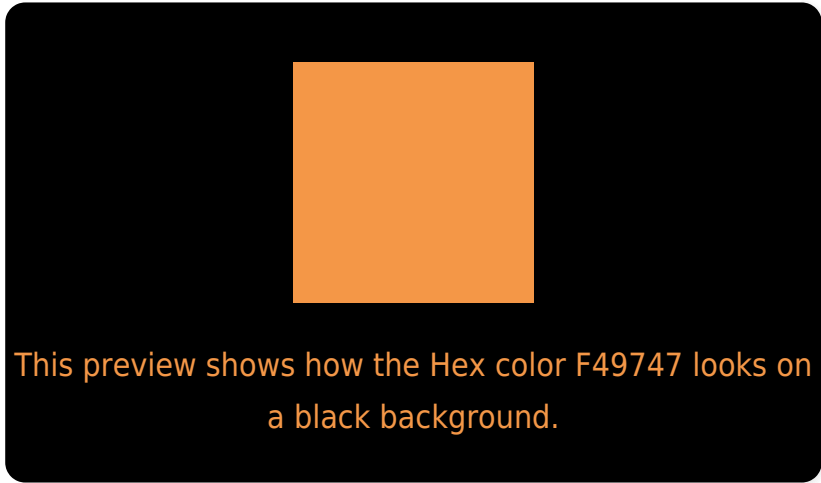
Large Text (above 18pt) WCAG AA × Fail

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

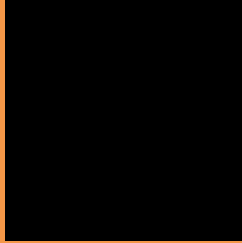
Any Text WCAG AA ✓ Pass

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 F49747 Background



This preview shows how black text looks on a background with the Hex color F49747.



This preview shows how white text looks on a background with the Hex color F49747.

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
F49747

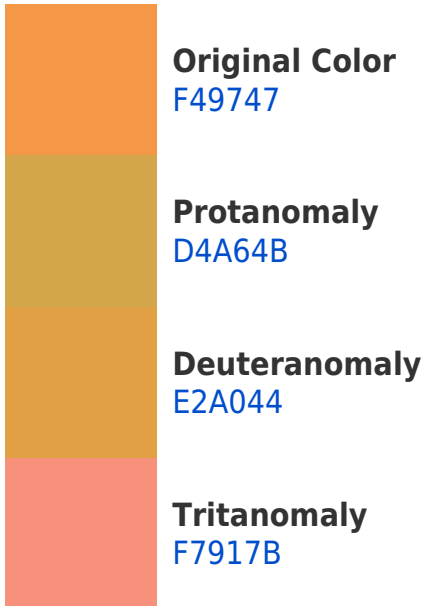
Protanopia
C1AE4E

Deuteranopia
D8A543

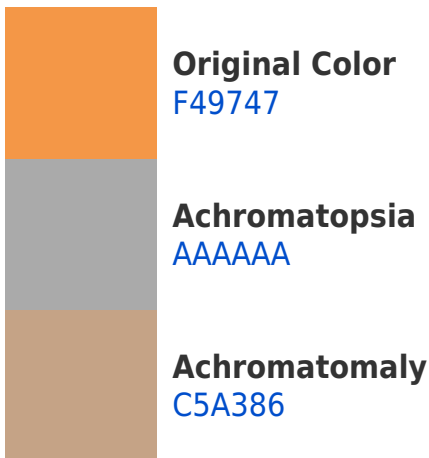


Tritanopia
F98E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F49747 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 #F49747 looks like.

```
.text, #text, p{  
    color:#F49747  
}
```

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 #F49747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F49747
}
```

Border

The CSS property to change the border of an element to Hex F49747 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
#F49747 }
```

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

```
.border{ border-color:#F49747 }
```

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

Here you see how a box with a 4 pixel #F49747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F49747; -webkit-box-shadow:4px 4px  
4px 4px #F49747; box-shadow:4px 4px 4px  
4px #F49747 }
```

Background

The CSS property to change the background color of an element to Hex F49747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F49747 }
```

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

```
.background{ background-color:#F49747 }
```

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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