

Converting Colors

Hex(F49E4B)

Have a look what the booklet for
Hex(F49E4B) contains.

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Color

Hex(F49E4B)

Conversions

Conversions Part 1

Format	Color
Hex	F49E4B
RGB	244, 158, 75
RGB Percent	96%, 62%, 29%
CMY	0.0431, 0.3804, 0.7059
CMYK	0.00, 0.35, 0.69, 0.04
HSL	29°, 88%, 63%
HSV	29°, 69%, 96%
XYZ	50.8051, 44.1948, 12.5093
YIQ	174.2520, 77.8990, -7.5810

Conversions

Conversions Part 2

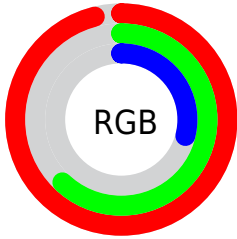
Format	Color
RYB	244, 238, 75
Decimal	16031307
CIELab	72.36, 24.93, 55.11
CIElCh	72, 60.490, 65.665
Yxy	44.1948, 0.4726, 0.4111
Android (android.graphics.Color)	4294221387 (0xFFFF49E4B)
YUV	174.2520, -48.9312, 61.1690
Hunter-Lab	66.4792, 20.0757, 35.3789

Details

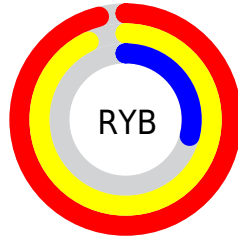
The Hex color **F49E4B** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4BA1F4**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFD57F**, and **B76A15** is the 20% darker color. If you saturate the color by 10%, you get **F49233**, and if you desaturate by 10%, it is **F4AA63**.

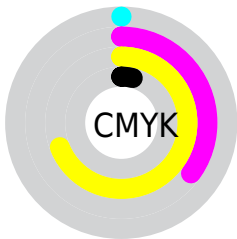
Distribution



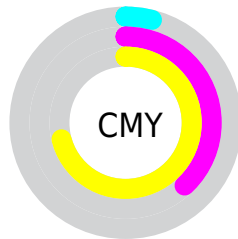
- Red (96%)
- Green (62%)
- Blue (29%)



- Red (96%)
- Yellow (93%)
- Blue (29%)



- Cyan (0%)
- Magenta (35%)
- Yellow (69%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color F49E4B 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 F49E4B by changing the saturation by 10% instead.

 F49E4B

 F49E4B

FFFFFF

 D58431

 FFD57F

 B76A15

 FFF19A

 995200

 FFFFB6

 7C3A00

 FFFFD2

 5F2300

 FFFFEF

 430D00

 2B0000

 000000

 F49E4B

 F49E4B

 F49233

 F4AA63

 F4851A

 F4B77C

 F47902

 F4C394

 F47800

 F4D0AD

 F4DCC5

 F4E8DD

 F4F5F6

 F4FFFF

Harmonies

Analogous

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



FF8A74



F49E4B



C6B23C

Triad

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



F49E4B



00CDBB



C29FFF

Complementary

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



F49E4B



4BA1F4

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.



57B4FF



F49E4B



00CBF0

Square

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



F49E4B



32C982



00C3FF



FD89E0

Rectangle

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



F49E4B



A1BC47



00C3FF



A6A6FF

Sweetspot

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



F49E4B



FFE4C9



F44BA2



806F60



000000



808080

Same Dimension

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



F49E4B



FF932B



F4F14B



7A746E



BA5B00



3B1D00

Inverse Universe

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



4BA1F4



2B97FF



4B4EF4



6E747A



005FBA



001E3B

Previews

White Background



This preview shows how the Hex color F49E4B looks on a white background.

Color Contrast Check

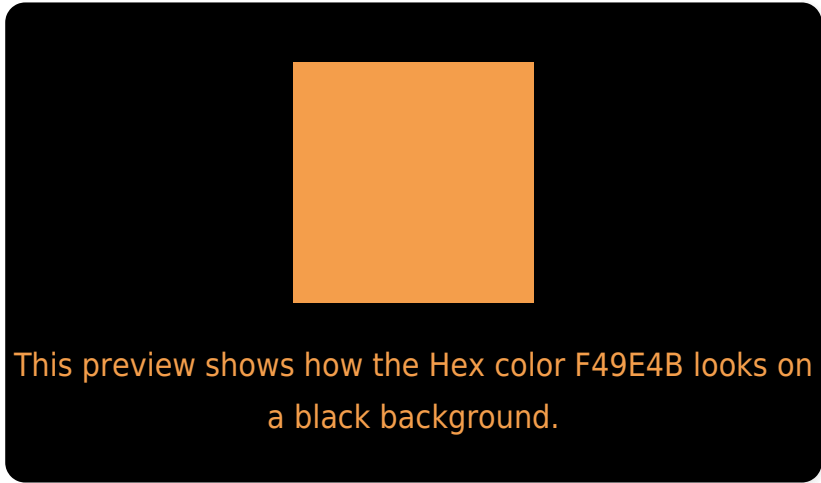
Large Text (above 18pt) WCAG AA × Fail

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 F49E4B Background



This preview shows how black text looks on a background with the Hex color F49E4B.



This preview shows how white text looks on a background with the Hex color F49E4B.

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
F49E4B

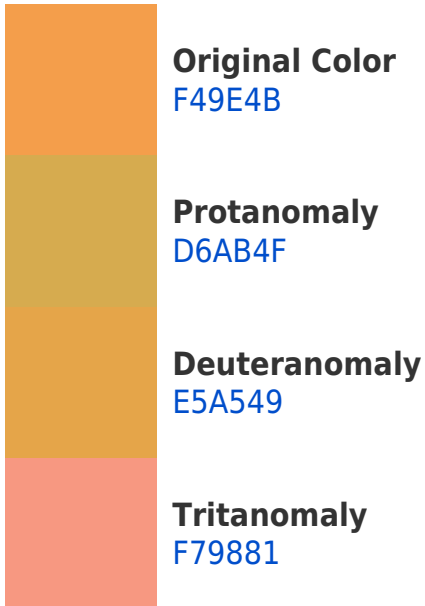
Protanopia
C5B251

Deuteranopia
DDA948



Tritanopia
F995A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F49E4B 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 #F49E4B looks like.

```
.text, #text, p{  
    color:#F49E4B  
}
```

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 #F49E4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F49E4B
}
```

Border

The CSS property to change the border of an element to Hex F49E4B 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
#F49E4B }
```

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

```
.border{ border-color:#F49E4B }
```

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

Here you see how a box with a 4 pixel #F49E4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F49E4B; -webkit-box-shadow:4px 4px  
4px 4px #F49E4B; box-shadow:4px 4px 4px  
4px #F49E4B }
```

Background

The CSS property to change the background color of an element to Hex F49E4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F49E4B }
```

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

```
.background{ background-color:#F49E4B }
```

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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