

# Converting Colors

Hex(F49671)

Have a look what the booklet for  
Hex(F49671) contains.

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**Color**

**Hex(F49671)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F49671
RGB	244, 150, 113
RGB Percent	96%, 59%, 44%
CMY	0.0431, 0.4118, 0.5569
CMYK	0.00, 0.39, 0.54, 0.04
HSL	17°, 86%, 70%
HSV	17°, 54%, 96%
XYZ	51.1952, 42.2380, 21.0773
YIQ	173.8880, 67.9010, 8.4210

# Conversions

## Conversions Part 2

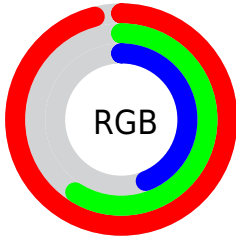
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 165, 113
Decimal	16029297
CIE <sub>Lab</sub>	71.03, 31.67, 34.36
CIE <sub>LCh</sub>	71, 46.732, 47.338
Yxy	42.2380, 0.4471, 0.3689
Android (android.graphics.Color)	4294219377 (0xFFFF49671)
YUV	173.8880, -30.0178, 61.4882
Hunter-Lab	64.9908, 26.8759, 26.2651

# Details

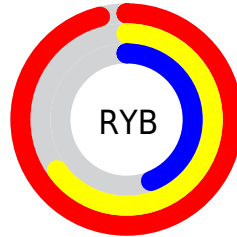
The Hex color **F49671** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **71CFF4**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFCDA5**, and **B86240** is the 20% darker color. If you saturate the color by 10%, you get **F48459**, and if you desaturate by 10%, it is **F4A889**.

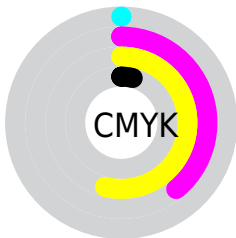
# Distribution



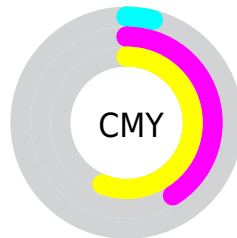
- Red (96%)
- Green (59%)
- Blue (44%)



- Red (96%)
- Yellow (65%)
- Blue (44%)



- Cyan (0%)
- Magenta (39%)
- Yellow (54%)
- Black (4%)



- Cyan (4%)
- Magenta (41%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F49671 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 F49671 by changing the saturation by 10% instead.



 F49671

 F49671

FFFFFF

 D67C58

 FFCD A5

 B86240

 FFE9C1

 9B4929

 FFFFDD


 7E3113

 FFFFF9

 621900

 460000

 2E0001

 000000

 F49671

 F49671

 F48459

 F4A889

 F47340

 F4B9A2

 F46128

 F4CBBA

 F4500F

 F4DCD3

 F44500

 F4EEEE

 F4FFFF

# Harmonies

## Analogous

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



FF8C97



F49671



D8A55A

# Triad

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



F49671



3DC39A



95AAFF

# Complementary

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



F49671



71CFF4

# 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.



38B8FF



F49671



00C4C6

# Square

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



F49671



7FBD72



00C0EB



D199E8

# Rectangle

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



F49671



BEAF57



00C0EB



7CAFFF

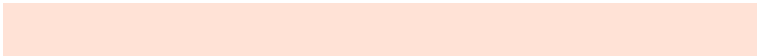


# Sweetspot

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



F49671



FFE2D6



F471D1



806E67



000000



808080



# Same Dimension

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



F49671



FF8A5C



F4D571



7A726E



BA3500



3B1100



# Inverse Universe

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



71CFF4



5CD1FF



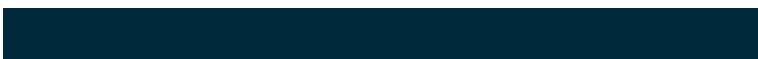
7190F4



6E777A



0086BA



002A3B



# Previews

## White Background



This preview shows how the Hex color F49671 looks on a white background.

## Color Contrast Check

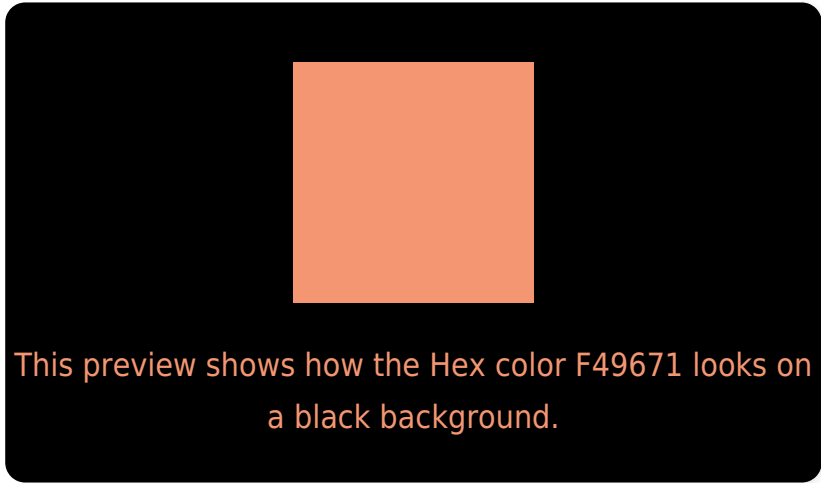
Large Text (above 18pt) WCAG AA × Fail

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

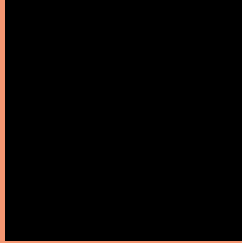
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F49671 Background



This preview shows how black text looks on a background with the Hex color F49671.



This preview shows how white text looks on a background with the Hex color F49671.

# 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**  
F49671

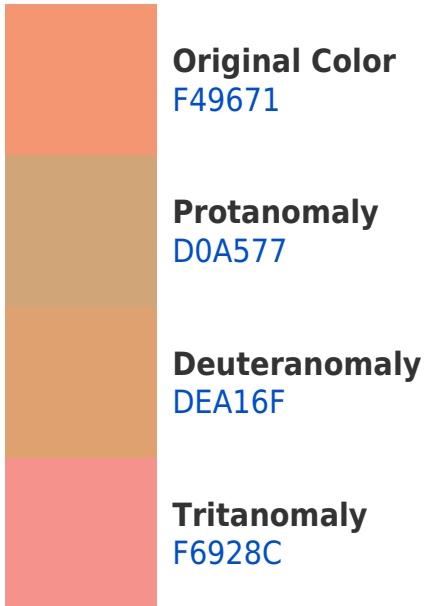
**Protanopia**  
BCAE7B

**Deuteranopia**  
D2A76E

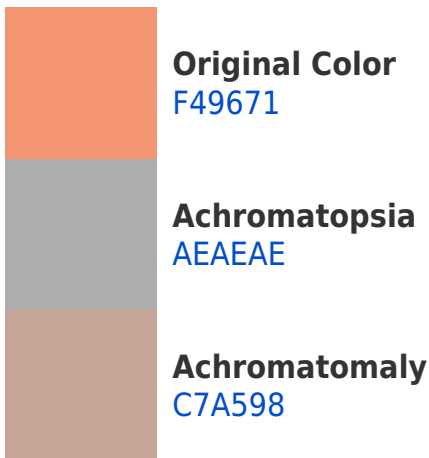


**Tritanopia**  
F7909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F49671 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 #F49671 looks like.

```
.text, #text, p{  
    color:#F49671  
}
```

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 #F49671 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F49671  
}
```

## Border

The CSS property to change the border of an element to Hex F49671 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  
#F49671 }
```

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

```
.border{ border-color:#F49671 }
```

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

Here you see how a box with a 4 pixel #F49671 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F49671; -webkit-box-shadow:4px 4px  
4px 4px #F49671; box-shadow:4px 4px 4px  
4px #F49671 }
```

# Background

The CSS property to change the background color of an element to Hex F49671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F49671 }
```

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

```
.background{ background-color:#F49671 }
```

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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