

Converting Colors

Hex(F49966)

Have a look what the booklet for
Hex(F49966) contains.

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Color

Hex(F49966)

Conversions

Conversions Part 1

Format	Color
Hex	F49966
RGB	244, 153, 102
RGB Percent	96%, 60%, 40%
CMY	0.0431, 0.4000, 0.6000
CMYK	0.00, 0.37, 0.58, 0.04
HSL	22°, 87%, 68%
HSV	22°, 58%, 96%
XYZ	51.0977, 42.9749, 18.1722
YIQ	174.3950, 70.6070, 3.4310

Conversions

Conversions Part 2

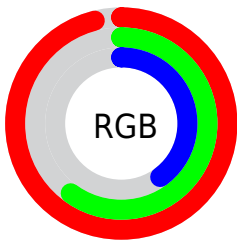
Format	Color
RYB	244, 182, 102
Decimal	16030054
CIELab	71.54, 29.24, 40.81
CIELCh	72, 50.207, 54.379
Yxy	42.9749, 0.4552, 0.3829
Android (android.graphics.Color)	4294220134 (0xFFFF49966)
YUV	174.3950, -35.6907, 61.0436
Hunter-Lab	65.5552, 24.4121, 29.4532

Details

The Hex color **F49966** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **66C1F4**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFD09A**, and **B86535** is the 20% darker color. If you saturate the color by 10%, you get **F4894E**, and if you desaturate by 10%, it is **F4A97E**.

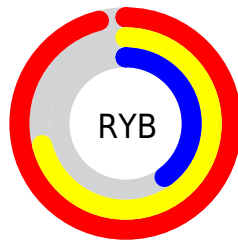
Distribution



Red (96%)

Green (60%)

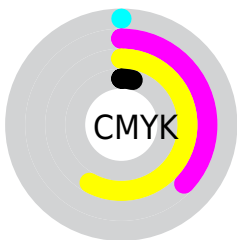
Blue (40%)



Red (96%)

Yellow (71%)

Blue (40%)

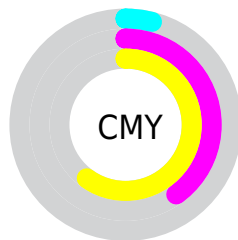


Cyan (0%)

Magenta (37%)

Yellow (58%)

Black (4%)



Cyan (4%)

Magenta (40%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color F49966 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 F49966 by changing the saturation by 10% instead.

 F49966

 F49966

FFFFFF

 D67F4D

 FFD09A

 B86535

 FFECB5

 9A4C1E

 FFFFD1

 7D3405

 FFFFED

 611D00

 450400

 2D0000

 000000

 F49966

 F49966

 F4894E

 F4A97E

 F47A35

 F4B897

 F46A1D

 F4C8AF

 F45A04

 F4D8C8

 F45800

 F4E7E0

 F4F7F8

 F4FFFF

Harmonies

Analogous

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



FF8C8C



F49966



D2AA52

Triad

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



F49966



00C6A5



A5A7FF

Complementary

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



F49966



66C1F4

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.



46B7FF



F49966



00C6D4

Square

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



F49966



6EC178



00C1F9



E095E5

Rectangle

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



F49966



B5B453



00C1F9



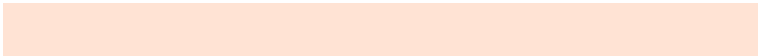
8BACFF

Sweetspot

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



F49966



FFE3D4



F466C2



806F66



000000



808080

Same Dimension

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



F49966



FF8D4D



F4DF66



7A736E



BA4300



3B1500

Inverse Universe

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



66C1F4



4DBFFF



667BF4



6E767A



0077BA



00263B

Previews

White Background



This preview shows how the Hex color F49966 looks on a white background.

Color Contrast Check

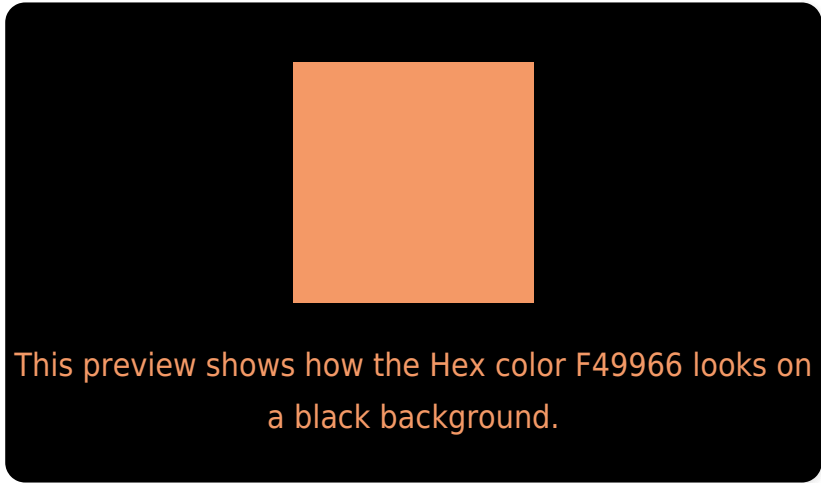
Large Text (above 18pt) WCAG AA × Fail

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

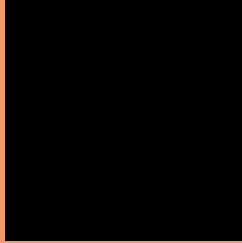
Any Text WCAG AA ✓ Pass

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 F49966 Background



This preview shows how black text looks on a background with the Hex color F49966.




This preview shows how white text looks on a background with the Hex color F49966.

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](#).

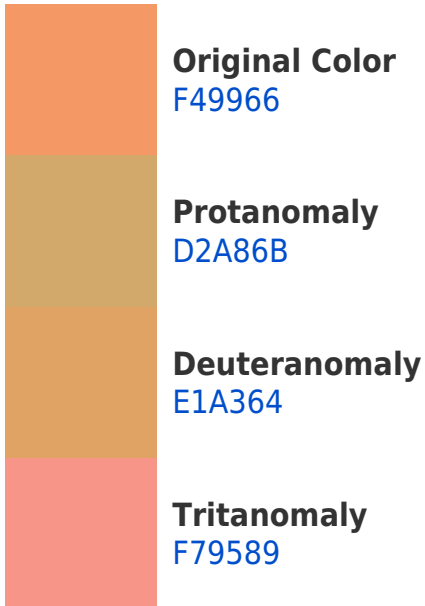
Dichromacy





Tritanopia
F8929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F49966 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 #F49966 looks like.

```
.text, #text, p{  
    color:#F49966  
}
```

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 #F49966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F49966
}
```

Border

The CSS property to change the border of an element to Hex F49966 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
#F49966 }
```

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

```
.border{ border-color:#F49966 }
```

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

Here you see how a box with a 4 pixel #F49966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F49966; -webkit-box-shadow:4px 4px  
4px 4px #F49966; box-shadow:4px 4px 4px  
4px #F49966 }
```

Background

The CSS property to change the background color of an element to Hex F49966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F49966 }
```

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

```
.background{ background-color:#F49966 }
```

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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