

Converting Colors

Hex(F4942C)

Have a look what the booklet for
Hex(F4942C) contains.

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Color

Hex(F4942C)

Conversions

Conversions Part 1

Format	Color
Hex	F4942C
RGB	244, 148, 44
RGB Percent	96%, 58%, 17%
CMY	0.0431, 0.4196, 0.8275
CMYK	0.00, 0.39, 0.82, 0.04
HSL	31°, 90%, 56%
HSV	31°, 82%, 96%
XYZ	48.3528, 40.5948, 7.6700
YIQ	164.8480, 90.6000, -11.9920

Conversions

Conversions Part 2

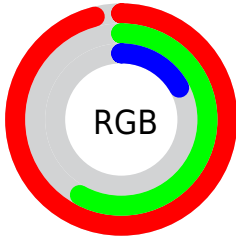
Format	Color
R _Y B	229, 244, 44
Decimal	16028716
CIE Lab	69.89, 28.93, 65.49
CIE LCh	70, 71.592, 66.170
Yxy	40.5948, 0.5005, 0.4202
Android (android.graphics.Color)	4294218796 (0xFFFF4942C)
YUV	164.8480, -59.5781, 69.4163
Hunter-Lab	63.7140, 23.9647, 37.4624

Details

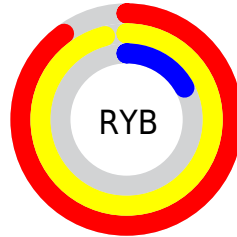
The Hex color **F4942C** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2C8CF4**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFCA63**, and **B66100** is the 20% darker color. If you saturate the color by 10%, you get **F48814**, and if you desaturate by 10%, it is **F4A044**.

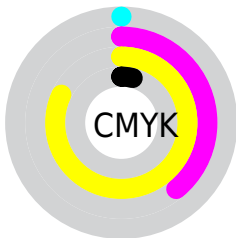
Distribution



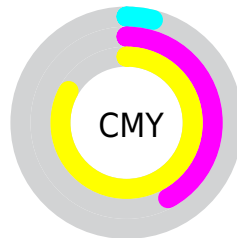
- Red (96%)
- Green (58%)
- Blue (17%)



- Red (90%)
- Yellow (96%)
- Blue (17%)



- Cyan (0%)
- Magenta (39%)
- Yellow (82%)
- Black (4%)



- Cyan (4%)
- Magenta (42%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color F4942C 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 F4942C by changing the saturation by 10% instead.

 F4942C

 F4942C

FFFFFF

 D57A07

 FFCA63

 B66100

 FFE77E

 974800

 FFFF99

 793100

 FFFFB5

 5C1900

 FFFFD2

 400100

 FFFFEE

 290001

 000000

 F4942C

 F4942C

 F48814

 F4A044

 F47F00

 F4AB5D

 F4B775

 F4C38E

 F4CFA6

 F4DABE

 F4E6D7

 F4F2EF

 F4FDFF

Harmonies

Analogous

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



FF7962



F4942C



BFAC09

Triad

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



F4942C



00C9B7



BE93FF

Complementary

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



F4942C



2C8CF4

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.



00AEFF



F4942C



00C8F6

Square

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



F4942C



00C673



00BFFF



FF77E1

Rectangle

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



F4942C



93B825



00BFFF



9A9DFF

Sweetspot

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



F4942C



FFE0BF



F42C8D



806D59



000000



808080

Same Dimension

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



F4942C



FF8705



F1F42C



7A756E



BA6100



3B1E00

Inverse Universe

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



2C8CF4



057DFF



2F2CF4



6E747A



0059BA



001C3B

Previews

White Background



This preview shows how the Hex color F4942C looks on a white background.

Color Contrast Check

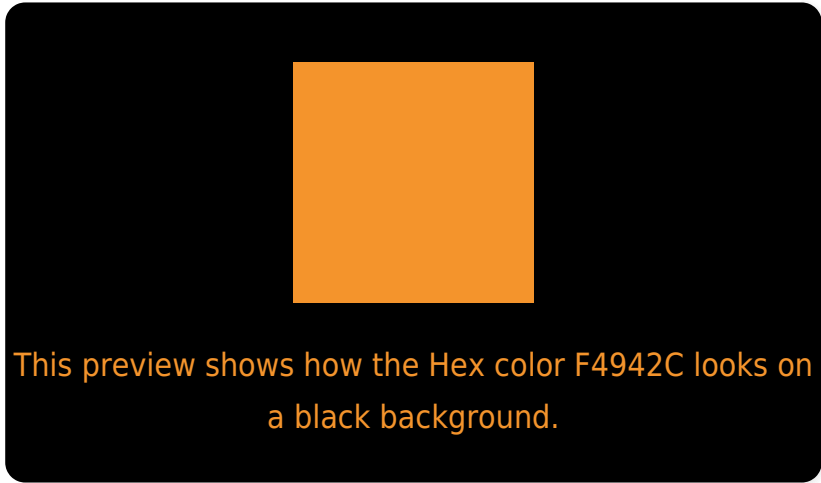
Large Text (above 18pt) WCAG AA × Fail

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 F4942C Background



This preview shows how black text looks on a background with the Hex color F4942C.

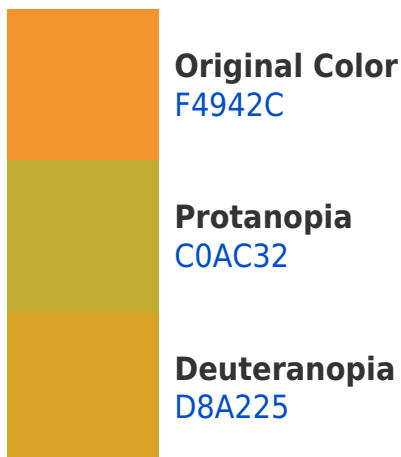


This preview shows how white text looks on a background with the Hex color F4942C.

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](#).

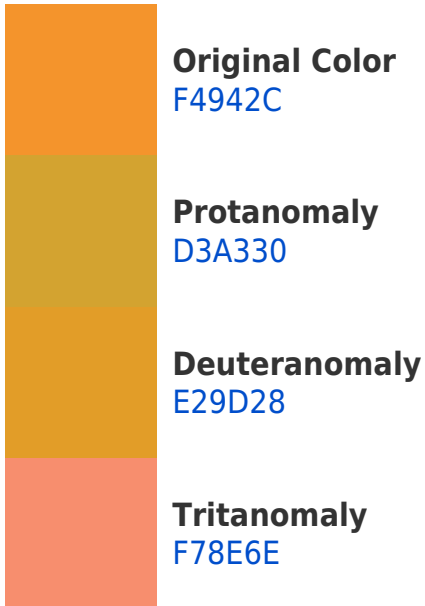
Dichromacy



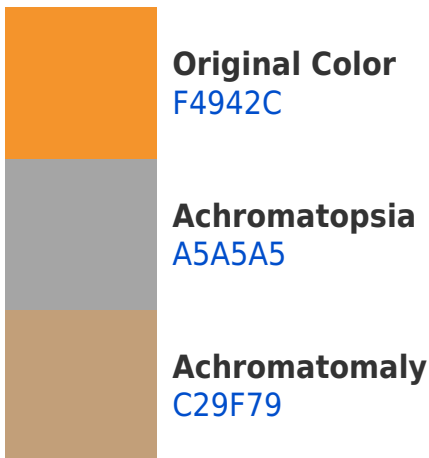


Tritanopia
F98A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F4942C 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 #F4942C looks like.

```
.text, #text, p{  
    color:#F4942C  
}
```

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 #F4942C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4942C
}
```

Border

The CSS property to change the border of an element to Hex F4942C 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
#F4942C }
```

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

```
.border{ border-color:#F4942C }
```

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

Here you see how a box with a 4 pixel #F4942C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4942C; -webkit-box-shadow:4px 4px  
4px 4px #F4942C; box-shadow:4px 4px 4px  
4px #F4942C }
```

Background

The CSS property to change the background color of an element to Hex F4942C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4942C }
```

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

```
.background{ background-color:#F4942C }
```

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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