

Converting Colors

Hex(F9913A)

Have a look what the booklet for
Hex(F9913A) contains.

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Color

Hex(F9913A)

Conversions

Conversions Part 1

Format	Color
Hex	F9913A
RGB	249, 145, 58
RGB Percent	98%, 57%, 23%
CMY	0.0235, 0.4314, 0.7725
CMYK	0.00, 0.42, 0.77, 0.02
HSL	27°, 94%, 60%
HSV	27°, 77%, 98%
XYZ	49.9560, 40.6960, 9.2251
YIQ	166.1780, 89.9110, -5.0090

Conversions

Conversions Part 2

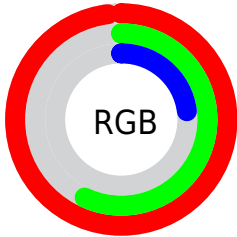
Format	Color
R _Y B	249, 218, 58
Decimal	16355642
CIE Lab	69.96, 32.98, 60.37
CIE LCh	70, 68.791, 61.351
Yxy	40.6960, 0.5002, 0.4075
Android (android.graphics.Color)	4294545722 (0xFFFF9913A)
YUV	166.1780, -53.3318, 72.6349
Hunter-Lab	63.7934, 28.1432, 36.0815

Details

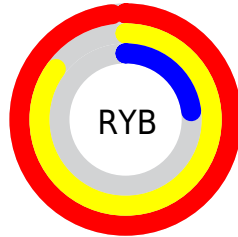
The Hex color **F9913A** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **3AA2F9**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFC86F**, and **BB5D00** is the 20% darker color. If you saturate the color by 10%, you get **F98321**, and if you desaturate by 10%, it is **F99F53**.

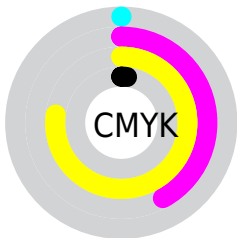
Distribution



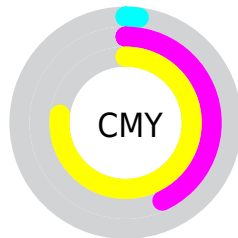
- Red (98%)
- Green (57%)
- Blue (23%)



- Red (98%)
- Yellow (85%)
- Blue (23%)



- Cyan (0%)
- Magenta (42%)
- Yellow (77%)
- Black (2%)



- Cyan (2%)
- Magenta (43%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color F9913A 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 F9913A by changing the saturation by 10% instead.

 F9913A

 F9913A

FFFFFF

 DA771E

 FFC86F

 BB5D00

 FFE489

 9C4500

 FFFFA5

 7E2D00

 FFFFC1

 601400

 FFFFDD

 440000

 FFFFFA

 2D0001

 000000

 F9913A

 F9913A

 F98321

 F99F53

 F97608

 F9AC6C

 F97100

 F9BA85

 F9C79E

 F9D5B7

 F9E2CF

 F9F0E8

 F9FDFD

 F9FFFF

Harmonies

Analogous

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



FF786E



F9913A



C8A91A

Triad

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



F9913A



00C8AC



AE99FF

Complementary

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



F9913A



3AA2F9

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.



00B1FF



F9913A



00C8EA

Square

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



F9913A



11C46C



00C1FF



F87EE8

Rectangle

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



F9913A



A0B527



00C1FF



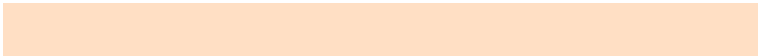
89A2FF

Sweetspot

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



F9913A



FFDFC4



F93AA3



806C5C



000000



808080

Same Dimension

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



F9913A



FF7F14



F9EF3A



7D7670



BD5600



3D1C00

Inverse Universe

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



3AA2F9



1494FF



3A44F9



70777D



0067BD



00213D

Previews

White Background



This preview shows how the Hex color F9913A looks on a white background.

Color Contrast Check

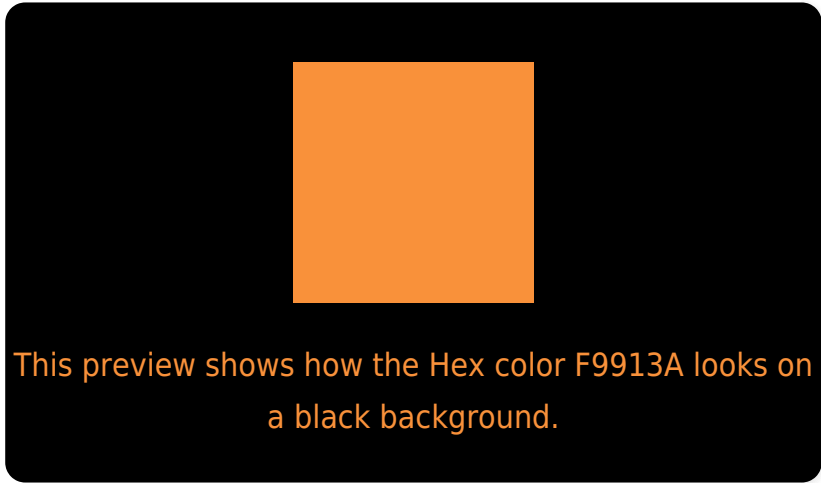
Large Text (above 18pt) WCAG AA × Fail

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 F9913A Background



This preview shows how black text looks on a background with the Hex color F9913A.

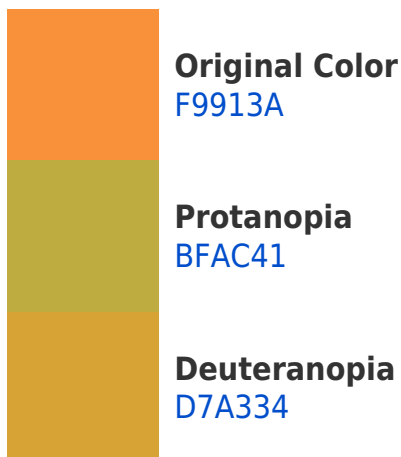


This preview shows how white text looks on a background with the Hex color F9913A.

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](#).

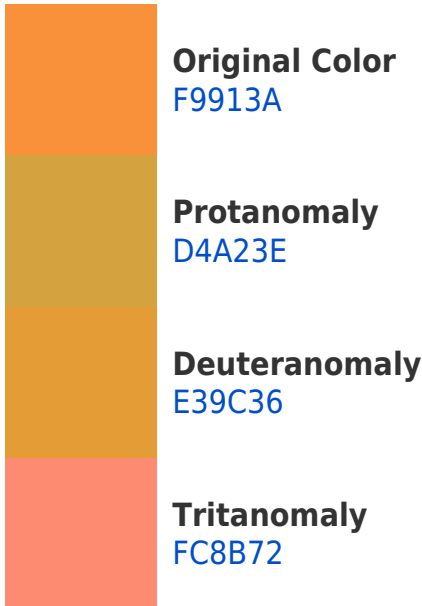
Dichromacy



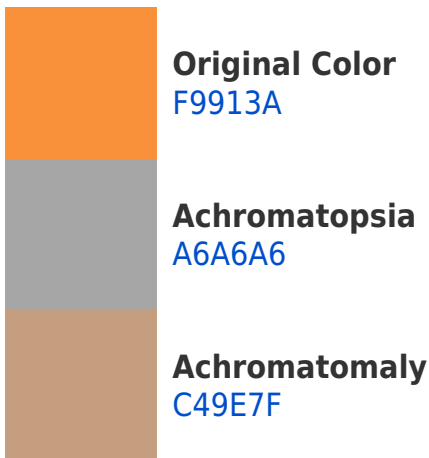


Tritanopia
FE8892

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F9913A 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 #F9913A looks like.

```
.text, #text, p{  
    color:#F9913A  
}
```

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 #F9913A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9913A
}
```

Border

The CSS property to change the border of an element to Hex F9913A 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
#F9913A }
```

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

```
.border{ border-color:#F9913A }
```

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

Here you see how a box with a 4 pixel #F9913A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9913A; -webkit-box-shadow:4px 4px  
4px 4px #F9913A; box-shadow:4px 4px 4px  
4px #F9913A }
```

Background

The CSS property to change the background color of an element to Hex F9913A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9913A }
```

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

```
.background{ background-color:#F9913A }
```

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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