

# Converting Colors

Hex(FF934A)

Have a look what the booklet for  
Hex(FF934A) contains.

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**Color**

**Hex(FE934A)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | FF934A                    |
| RGB         | 255, 147, 74              |
| RGB Percent | 100%, 58%, 29%            |
| CMY         | 0.0000, 0.4235, 0.7098    |
| CMYK        | 0.00, 0.42, 0.71, 0.00    |
| HSL         | 24°, 100%, 65%            |
| HSV         | 24°, 71%, 100%            |
| XYZ         | 52.9097, 42.6218, 11.9168 |
| YIQ         | 170.9700, 87.8010, 0.1930 |

# Conversions

## Conversions Part 2

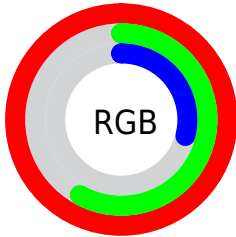
| <b>Format</b>                       | <b>Color</b>                                |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">255, 196, 74</a>                |
| Decimal                             | <a href="#">16749386</a>                    |
| CIELab                              | <a href="#">71.30, 35.03, 54.85</a>         |
| CIELCh                              | <a href="#">71, 65.077, 57.436</a>          |
| Yxy                                 | <a href="#">42.6218, 0.4924, 0.3967</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4294939466<br/>(0xFFFF934A)</a> |
| YUV                                 | <a href="#">170.9700, -47.8062, 73.6943</a> |
| Hunter-Lab                          | <a href="#">65.2854, 30.4136, 34.8774</a>   |

# Details

The Hex color **FF934A** 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 **4AB6FF**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFCA7E**, and **C15F15** is the 20% darker color. If you saturate the color by 10%, you get **FF8431**, and if you desaturate by 10%, it is **FFA264**.

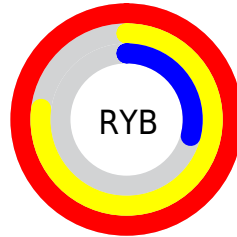
# Distribution



Red (100%)

Green (58%)

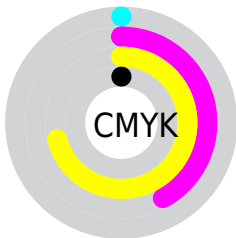
Blue (29%)



Red (100%)

Yellow (77%)

Blue (29%)

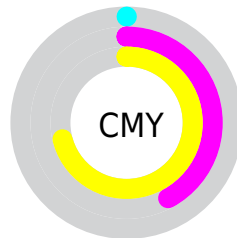


Cyan (0%)

Magenta (42%)

Yellow (71%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF934A 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 FF934A by changing the saturation by 10% instead.



 FF934A

 FF934A

FFFFFF

 E07931

 FFCA7E

 C15F15

 FFE699

 A24600

 FFFFB4

 842D00

 FFFF00

 661400

 FFFF00

 4A0000

 310001

 000000

 FF934A

 FF934A

 FF8431

 FFA264

 FF7517

 FFB17D

 FF6700

 FFC197

 FFD0B0

 FFDFCA

 FFEED3

FFFDFD

FFFFFF

# Harmonies

## Analogous

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



FF7E7B



FF934A



D2AA2D

# Triad

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



FF934A



00CBA7



A7A1FF

# Complementary

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



FF934A



4AB6FF

# 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.



00B7FF



FF934A



00CBE4

# Square

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



FF934A



44C66C



00C5FF



F288EF

# Rectangle

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



FF934A



ADB632



00C5FF



81A9FF

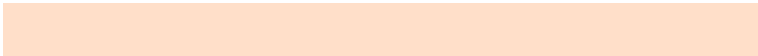


# Sweetspot

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



FF934A



FFDFC9



FF4AB7



806C60



000000



808080



# Same Dimension

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



FF934A



FF7E26



FFED4A



807873



BF4D00



401A00



# Inverse Universe

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



4AB6FF



26A8FF



4A5CFF



737A80



0072BF



002640



# Previews

## White Background



This preview shows how the Hex color FF934A looks on a white background.

## Color Contrast Check

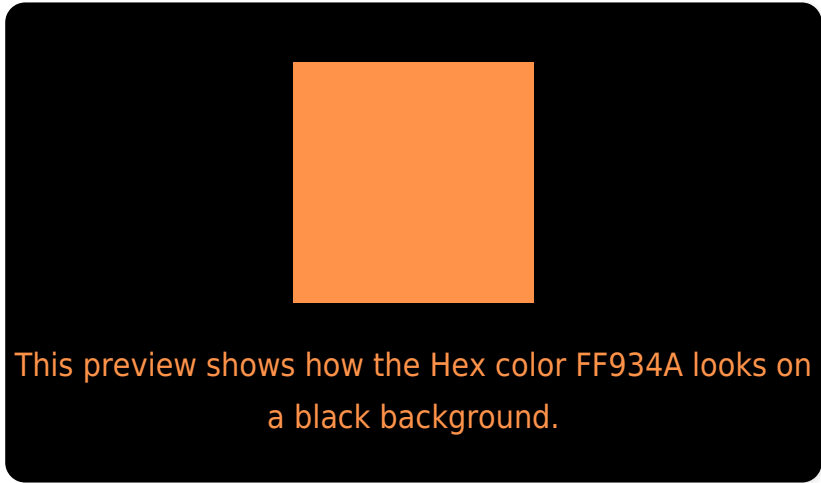
Large Text (above 18pt) WCAG AA × Fail

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 FF934A Background



This preview shows how black text looks on a background with the Hex color FF934A.

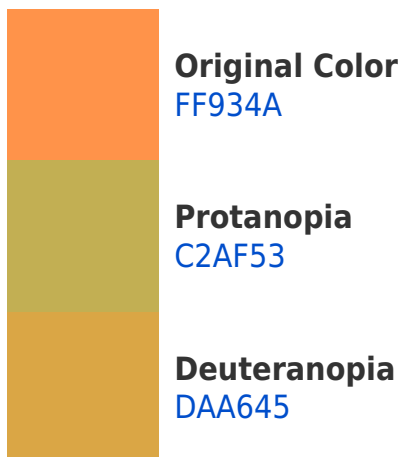


This preview shows how white text looks on a background with the Hex color FF934A.

# 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](#).

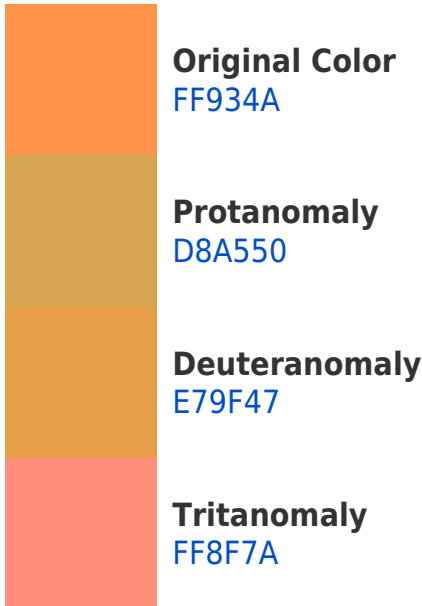
## Dichromacy



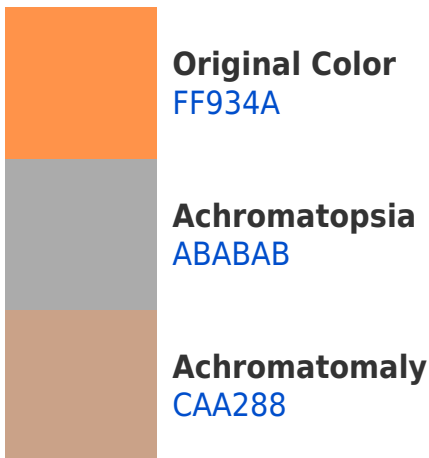


**Tritanopia**  
FF8D96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF934A 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 #FF934A looks like.

```
.text, #text, p{  
    color:#FF934A  
}
```

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 #FF934A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF934A
}
```

## Border

The CSS property to change the border of an element to Hex FF934A 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
#FF934A }
```

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

```
.border{ border-color:#FF934A }
```

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

Here you see how a box with a 4 pixel #FF934A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF934A; -webkit-box-shadow:4px 4px  
4px 4px #FF934A; box-shadow:4px 4px 4px  
4px #FF934A }
```

# Background

The CSS property to change the background color of an element to Hex FF934A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF934A }
```

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

```
.background{ background-color:#FF934A }
```

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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