

# Converting Colors

Hex(F8932E)

Have a look what the booklet for  
Hex(F8932E) contains.

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# **Color**

**Hex(F8932E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8932E
RGB	248, 147, 46
RGB Percent	97%, 58%, 18%
CMY	0.0275, 0.4235, 0.8196
CMYK	0.00, 0.41, 0.81, 0.03
HSL	30°, 94%, 58%
HSV	30°, 81%, 97%
XYZ	49.6383, 41.0212, 7.8864
YIQ	165.6850, 92.6170, -9.9990

# Conversions

## Conversions Part 2

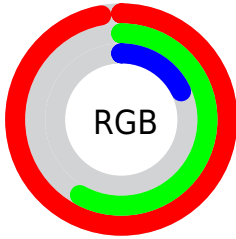
Format	Color
R <sub>Y</sub> B	248, 248, 46
Decimal	16290606
CIE Lab	70.19, 31.14, 65.24
CIE LCh	70, 72.287, 64.483
Yxy	41.0212, 0.5037, 0.4163
Android (android.graphics.Color)	4294480686 (0xFFFF8932E)
YUV	165.6850, -59.0047, 72.1903
Hunter-Lab	64.0478, 26.2574, 37.5328

# Details

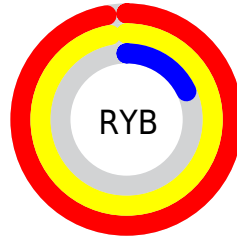
The Hex color **F8932E** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2E93F8**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFCA64**, and **B96000** is the 20% darker color. If you saturate the color by 10%, you get **F88715**, and if you desaturate by 10%, it is **F89F47**.

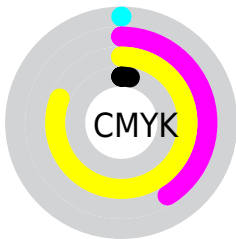
# Distribution



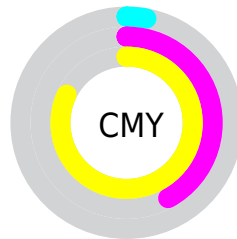
- Red (97%)
- Green (58%)
- Blue (18%)



- Red (97%)
- Yellow (97%)
- Blue (18%)



- Cyan (0%)
- Magenta (41%)
- Yellow (81%)
- Black (3%)



- Cyan (3%)
- Magenta (42%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F8932E 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 F8932E by changing the saturation by 10% instead.



 F8932E

 F8932E

FFFFFF

 D8790B

 FFCA64

 B96000

 FFE67F

 9B4700

 FFFF9B

 7D2F00

 FFFFB7

 5F1700

 FFFFD3

 430000

 FFFFF0

 2C0001

 000000

 F8932E

 F8932E

 F88715

 F89F47

 F87C00

 F8AC60

 F8B878

 F8C591

 F8D1AA

 F8DDC3

 F8EADC

 F8F6F4

 F8FFFF

# Harmonies

## Analogous

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



FF7865



F8932E



C3AC05

# Triad

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



F8932E



00CAB4



B996FF

# Complementary

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



F8932E



2E93F8

# 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.



00B0FF



F8932E



00C9F4

# Square

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



F8932E



00C670



00C1FF



FF78E5

# Rectangle

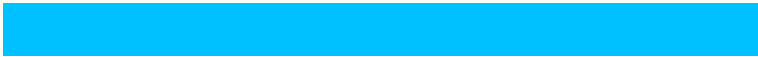
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F8932E



98B821



00C1FF



949FFF



# Sweetspot

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



F8932E



FFE0C2



F82E93



806D5B



000000



808080



# Same Dimension

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



F8932E



FF8205



F8F82E



7D7770



BD5E00



3D1F00

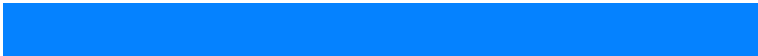


# Inverse Universe

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



2E93F8



0582FF



2E2EF8



70777D



005EBD



001F3D



# Previews

## White Background



This preview shows how the Hex color F8932E looks on a white background.

## Color Contrast Check

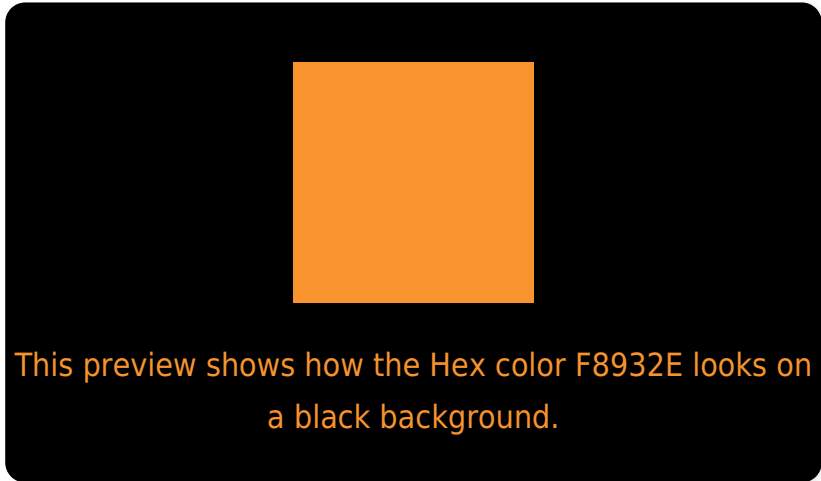
Large Text (above 18pt) WCAG AA × Fail

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 F8932E Background



This preview shows how black text looks on a background with the Hex color F8932E.

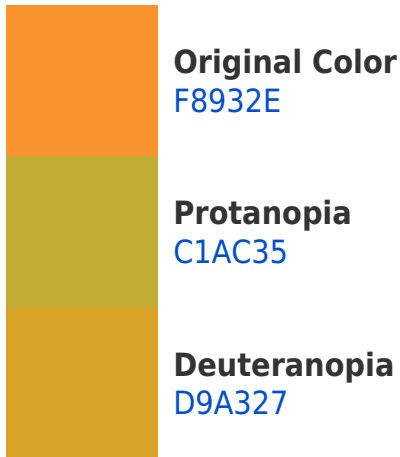


This preview shows how white text looks on a background with the Hex color F8932E.

# Color Blindness Simulation

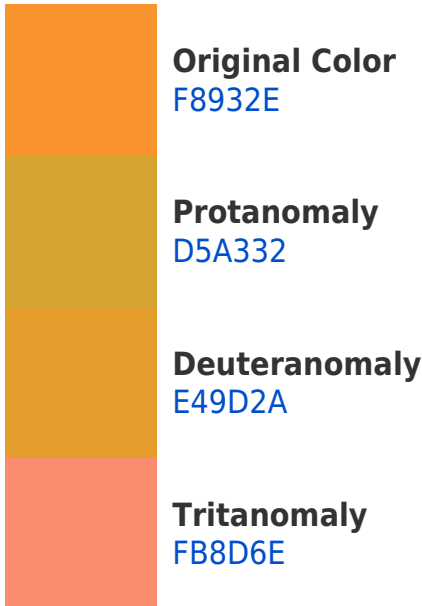
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F8932E 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 #F8932E looks like.

```
.text, #text, p{  
    color:#F8932E  
}
```

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 #F8932E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F8932E
}
```

## Border

The CSS property to change the border of an element to Hex F8932E 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
#F8932E }
```

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

```
.border{ border-color:#F8932E }
```

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

Here you see how a box with a 4 pixel #F8932E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F8932E; -webkit-box-shadow:4px 4px  
4px 4px #F8932E; box-shadow:4px 4px 4px  
4px #F8932E }
```

# Background

The CSS property to change the background color of an element to Hex F8932E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F8932E }
```

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

```
.background{ background-color:#F8932E }
```

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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