

Converting Colors

Hex(FF941E)

Have a look what the booklet for
Hex(FF941E) contains.

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Color

Hex(FE941E)

Conversions

Conversions Part 1

Format	Color
Hex	FF941E
RGB	255, 148, 30
RGB Percent	100%, 58%, 12%
CMY	0.0000, 0.4196, 0.8824
CMYK	0.00, 0.42, 0.88, 0.00
HSL	31°, 100%, 56%
HSV	31°, 88%, 100%
XYZ	52.0642, 42.5335, 6.6940
YIQ	166.5410, 101.6500, -14.0140

Conversions

Conversions Part 2

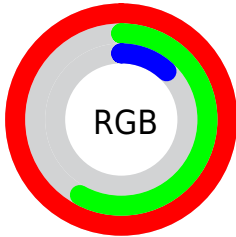
Format	Color
RYB	234, 255, 30
Decimal	16749598
CIELab	71.24, 33.08, 71.47
CIELCh	71, 78.760, 65.161
Yxy	42.5335, 0.5140, 0.4199
Android (android.graphics.Color)	4294939678 (0xFFFF941E)
YUV	166.5410, -67.3147, 77.5785
Hunter-Lab	65.2177, 28.3680, 39.5668

Details

The Hex color **FF941E** 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 **1E89FF**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFCB59**, and **C06000** is the 20% darker color. If you saturate the color by 10%, you get **FF8805**, and if you desaturate by 10%, it is **FFA038**.

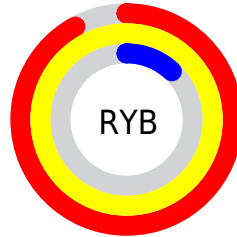
Distribution



Red (100%)

Green (58%)

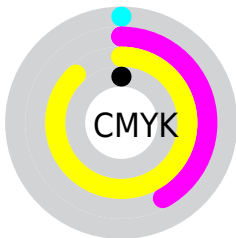
Blue (12%)



Red (92%)

Yellow (100%)

Blue (12%)

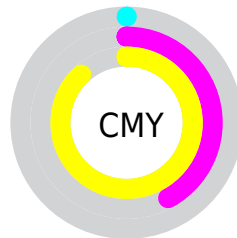


Cyan (0%)

Magenta (42%)

Yellow (88%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF941E 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 FF941E by changing the saturation by 10% instead.

 FF941E

 FF941E

FFFFFF

 DF7A00

 FFCB59

 C06000

 FFE775

 A14800

 FFFF90

 822F00

 FFFFAC

 641700

 FFFFC9

 480000

 FFFF E6

 2F0001

 000000

 FF941E

 FF941E

 FF8805

 FFA038

 FF8600

 FFAC51

 FFB86A

 FFC584

 FFD19E

 FFDDB7

 FFE9D1

 FFF5EA

FFFFFF

Harmonies

Analogous

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



FF7460



FF941E



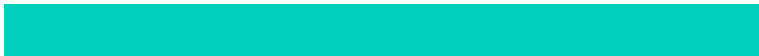
C5AF00

Triad

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



FF941E



00CFB9



BE95FF

Complementary

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



FF941E



1E89FF

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.



00B3FF



FF941E



00CEFF

Square

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



FF941E



00CB6F



00C6FF



FF73EC

Rectangle

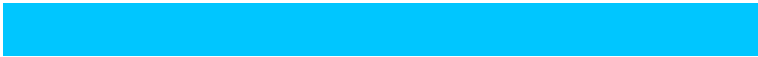
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF941E



96BC05



00C6FF



95A0FF

Sweetspot

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



FF941E



FFDFBD



FF1E8B



806D58



000000



808080

Same Dimension

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



FF941E



FF8600



FBFF1E



807973



BF6400



402100

Inverse Universe

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



1E89FF



0079FF



221EFF



737980



005BBF



001E40

Previews

White Background



This preview shows how the Hex color FF941E looks on a white background.

Color Contrast Check

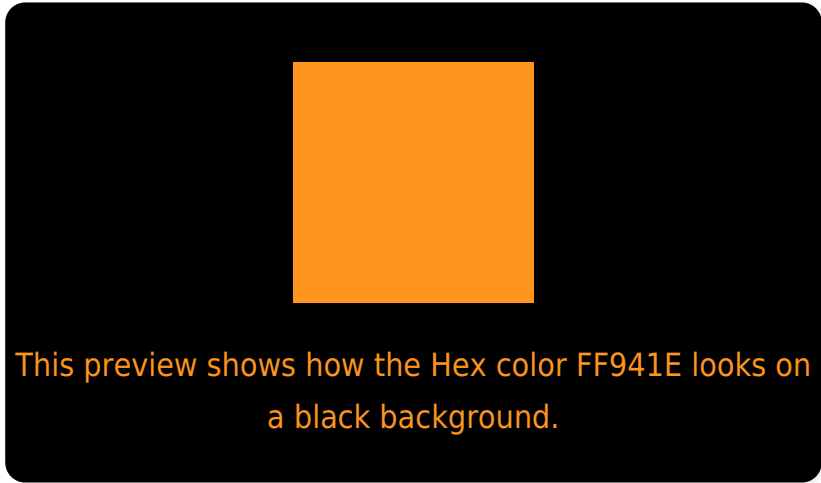
Large Text (above 18pt) WCAG AA × Fail

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 FF941E Background



This preview shows how black text looks on a background with the Hex color FF941E.



This preview shows how white text looks on a background with the Hex color FF941E.

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



Original Color
FF941E

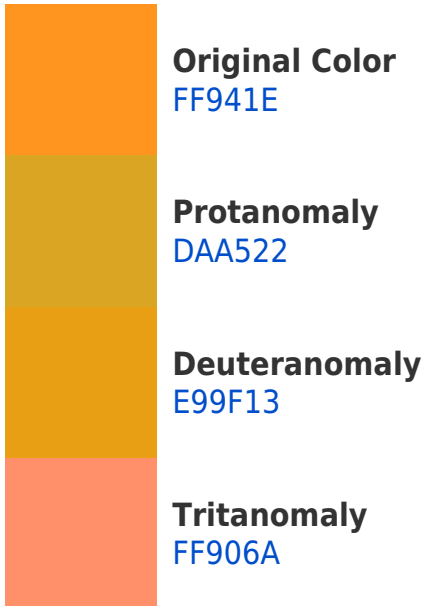
Protanopia
C5AF25

Deuteranopia
DDA60D

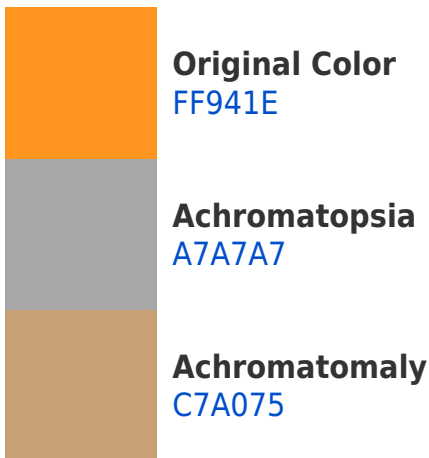


Tritanopia
FF8D96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF941E 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 #FF941E looks like.

```
.text, #text, p{  
    color:#FF941E  
}
```

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 #FF941E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF941E
}
```

Border

The CSS property to change the border of an element to Hex FF941E 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
#FF941E }
```

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

```
.border{ border-color:#FF941E }
```

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

Here you see how a box with a 4 pixel #FF941E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF941E; -webkit-box-shadow:4px 4px  
4px 4px #FF941E; box-shadow:4px 4px 4px  
4px #FF941E }
```

Background

The CSS property to change the background color of an element to Hex FF941E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF941E }
```

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

```
.background{ background-color:#FF941E }
```

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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