

Converting Colors

Hex(FF9F2E)

Have a look what the booklet for
Hex(FF9F2E) contains.

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Color

Hex(F F 9 F 2 E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FF9F2E |
| RGB | 255, 159, 46 |
| RGB Percent | 100%, 62%, 18% |
| CMY | 0.0000, 0.3765, 0.8196 |
| CMYK | 0.00, 0.38, 0.82, 0.00 |
| HSL | 32°, 100%, 59% |
| HSV | 32°, 82%, 100% |
| XYZ | 54.1313, 46.2535, 8.6596 |
| YIQ | 174.8220, 93.4890, -14.7910 |

Conversions

Conversions Part 2

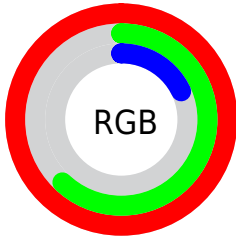
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 224, 255, 46 |
| Decimal | 16752430 |
| CIE Lab | 73.71, 27.77, 68.66 |
| CIE LCh | 74, 74.067, 67.979 |
| Yxy | 46.2535, 0.4964, 0.4242 |
| Android (android.graphics.Color) | 4294942510 (0xFFFF9F2E) |
| YUV | 174.8220, -63.5092, 70.3161 |
| Hunter-Lab | 68.0099, 23.0564, 40.0577 |

Details

The Hex color **FF9F2E** 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 **2E8EFF**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **FFD666**, and **C06B00** is the 20% darker color. If you saturate the color by 10%, you get **FF9315**, and if you desaturate by 10%, it is **FFAB48**.

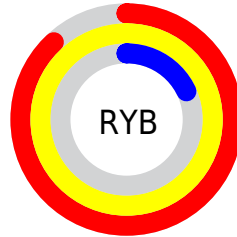
Distribution



Red (100%)

Green (62%)

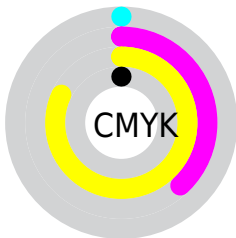
Blue (18%)



Red (88%)

Yellow (100%)

Blue (18%)

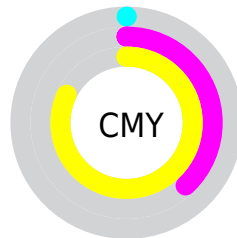


Cyan (0%)

Magenta (38%)

Yellow (82%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9F2E 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 FF9F2E by changing the saturation by 10% instead.

 FF9F2E

 FF9F2E

FFFFFF

 DF8508

 FFD666

 C06B00

 FFF281

 A25200

 FFFF9D

 833B00

 FFFFB9

 662400

 FFFFD6

 490C00

 FFFFF3

 2F0000

 020000

 000000

 FF9F2E

 FF9F2E

 FF9315

 FFAB48

 FF8A00

 FFB661

 FFC27B

 FFCE94

 FFDAAE

 FFE5C7

 FFF1E1

 FFFDFA

FFFFFF

Harmonies

Analogous

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



FF8365



FF9F2E



C6B811

Triad

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



FF9F2E



00D5C6



CF9BFF

Complementary

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



FF9F2E



2E8EFF

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.



2DB7FF



FF9F2E



00D3FF

Square

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



FF9F2E



00D27F



00CAFF



FF7DEA

Rectangle

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



FF9F2E



98C42D



00CAFF



ABA5FF

Sweetspot

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



FF9F2E



FFE2BF



FF2E90



806E59



000000



808080

Same Dimension

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



FF9F2E



FF8C05



F8FF2E



807A73



BF6700



402200

Inverse Universe

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



2E8EFF



0578FF



352EFF



737980



0058BF



001D40

Previews

White Background



This preview shows how the Hex color FF9F2E looks on a white background.

Color Contrast Check

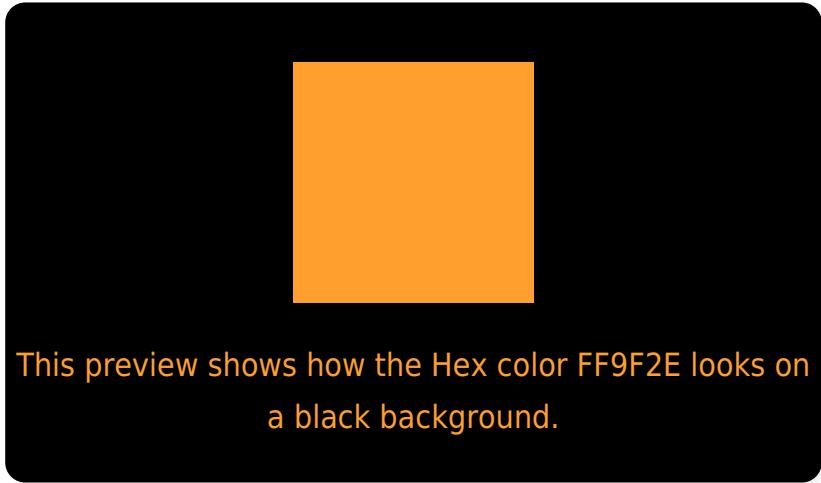
Large Text (above 18pt) WCAG AA × Fail

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 FF9F2E Background



This preview shows how black text looks on a background with the Hex color FF9F2E.

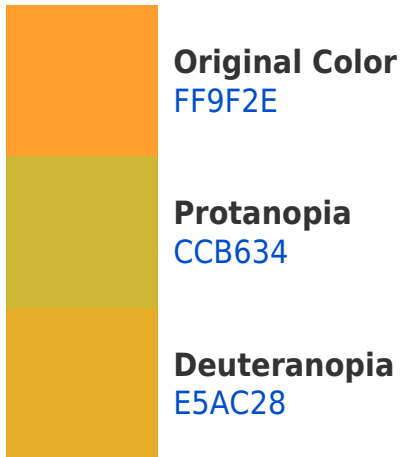


This preview shows how white text looks on a background with the Hex color FF9F2E.

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](#).

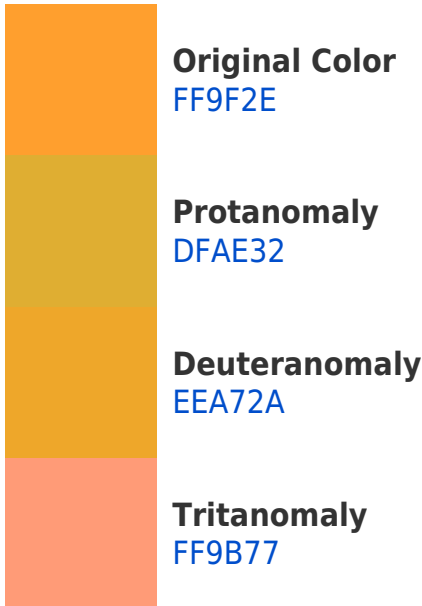
Dichromacy



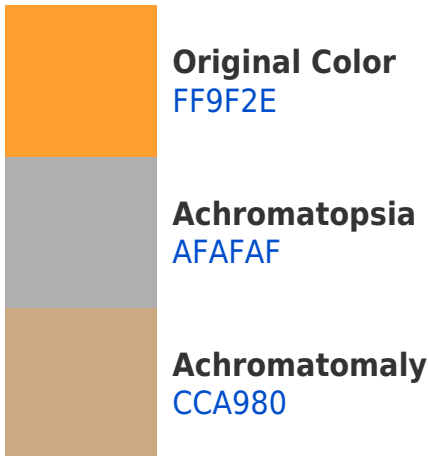


Tritanopia
FF98A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF9F2E 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 #FF9F2E looks like.

```
.text, #text, p{  
    color:#FF9F2E  
}
```

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 #FF9F2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9F2E
}
```

Border

The CSS property to change the border of an element to Hex FF9F2E 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
#FF9F2E }
```

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

```
.border{ border-color:#FF9F2E }
```

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

Here you see how a box with a 4 pixel #FF9F2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9F2E; -webkit-box-shadow:4px 4px  
4px 4px #FF9F2E; box-shadow:4px 4px 4px  
4px #FF9F2E }
```

Background

The CSS property to change the background color of an element to Hex FF9F2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9F2E }
```

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

```
.background{ background-color:#FF9F2E }
```

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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