

Converting Colors

Hex(FE9D42)

Have a look what the booklet for
Hex(FE9D42) contains.

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Color

Hex(FE9D42)

Conversions

Conversions Part 1

Format	Color
Hex	FE9D42
RGB	254, 157, 66
RGB Percent	100%, 62%, 26%
CMY	0.0039, 0.3843, 0.7412
CMYK	0.00, 0.38, 0.74, 0.00
HSL	29°, 99%, 63%
HSV	29°, 74%, 100%
XYZ	53.9134, 45.5781, 11.1102
YIQ	175.6290, 87.0230, -7.7370

Conversions

Conversions Part 2

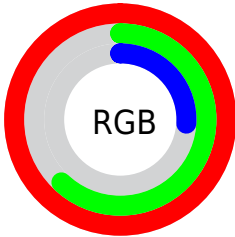
Format	Color
RYB	254, 242, 66
Decimal	16686402
CIELab	73.27, 29.11, 60.46
CIELCh	73, 67.099, 64.293
Yxy	45.5781, 0.4875, 0.4121
Android (android.graphics.Color)	4294876482 (0xFFFE9D42)
YUV	175.6290, -54.0471, 68.7314
Hunter-Lab	67.5116, 24.4013, 37.5009

Details

The Hex color **FE9D42** 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 **42A3FE**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFD477**, and **C06903** is the 20% darker color. If you saturate the color by 10%, you get **FE9029**, and if you desaturate by 10%, it is **FEAA5B**.

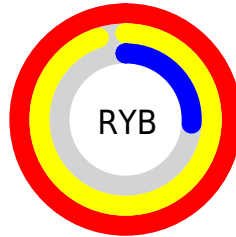
Distribution



Red (100%)

Green (62%)

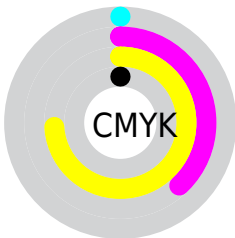
Blue (26%)



Red (100%)

Yellow (95%)

Blue (26%)

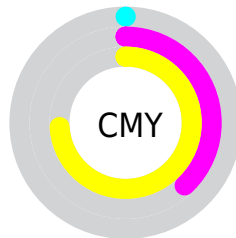


Cyan (0%)

Magenta (38%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color FE9D42 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 FE9D42 by changing the saturation by 10% instead.

 FE9D42

 FE9D42

FFFFFF

 DF8327

 FFD477

 C06903

 FFF092

 A15000

 FFFFAD

 843800

 FFFFC9

 662100

 FFFFEE

 490800

 300000

 000000

 FE9D42

 FE9D42

 FE9029

 FEAA5B

 FE830F

 FEB775

 FE7B00

 FEC48E

 FED1A8

 FEDFC1

 FEECDA

 FEF9F4

FEFFFF

Harmonies

Analogous

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



FF8572



FE9D42



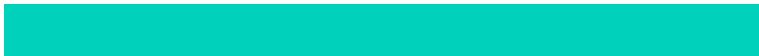
CCB42C

Triad

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



FE9D42



00D1BB



C1A0FF

Complementary

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



FE9D42



42A3FE

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.



2FB8FF



FE9D42



00D0F8

Square

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



FE9D42



16CE7C



00C8FF



FF86EA

Rectangle

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



FE9D42



A3BF39



00C8FF



A0A9FF

Sweetspot

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



FE9D42



FFE2C7



FE42A3



806E5E



000000



808080

Same Dimension

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



FE9D42



FF8A1C



FEFB42



807973



BF5D00



401F00

Inverse Universe

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



42A3FE



1C91FF



4245FE



737980



0063BF



002140

Previews

White Background



This preview shows how the Hex color FE9D42 looks on a white background.

Color Contrast Check

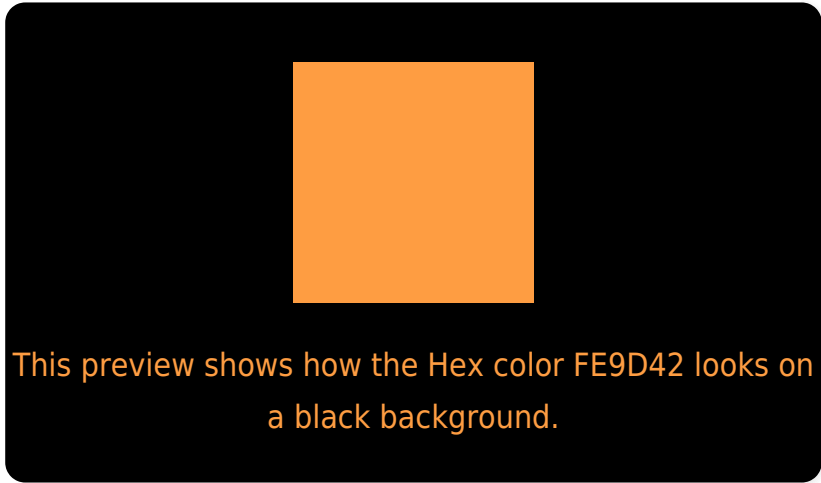
Large Text (above 18pt) WCAG AA × Fail

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 FE9D42 Background



This preview shows how black text looks on a background with the Hex color FE9D42.

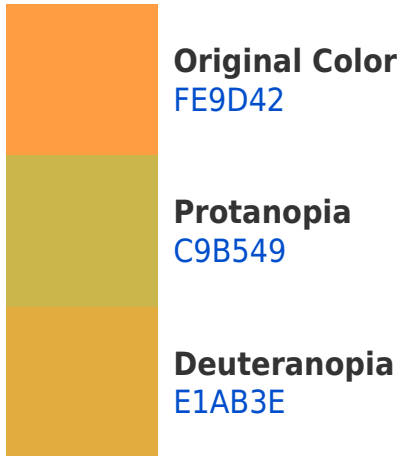


This preview shows how white text looks on a background with the Hex color FE9D42.

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](#).

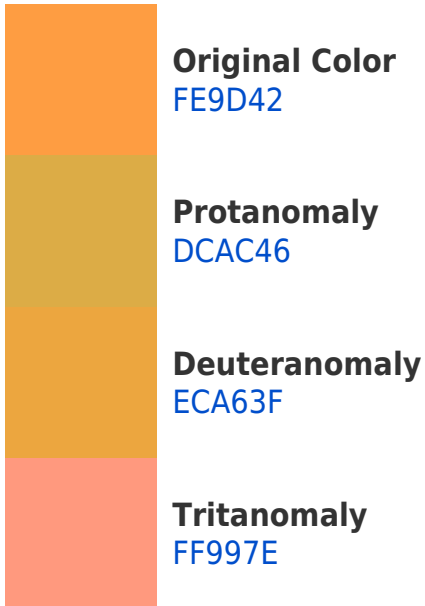
Dichromacy



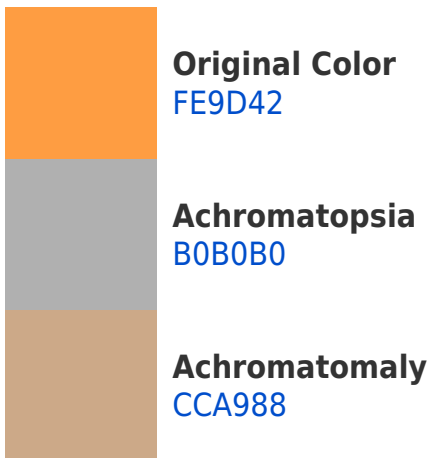


Tritanopia
FF96A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FE9D42 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 #FE9D42 looks like.

```
.text, #text, p{  
    color:#FE9D42  
}
```

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 #FE9D42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE9D42
}
```

Border

The CSS property to change the border of an element to Hex FE9D42 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
#FE9D42 }
```

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

```
.border{ border-color:#FE9D42 }
```

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

Here you see how a box with a 4 pixel #FE9D42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE9D42; -webkit-box-shadow:4px 4px  
4px 4px #FE9D42; box-shadow:4px 4px 4px  
4px #FE9D42 }
```

Background

The CSS property to change the background color of an element to Hex FE9D42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE9D42 }
```

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

```
.background{ background-color:#FE9D42 }
```

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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