

Converting Colors

Hex(FE9A43)

Have a look what the booklet for
Hex(FE9A43) contains.

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Color

Hex(FE9A43)

Conversions

Conversions Part 1

Format	Color
Hex	FE9A43
RGB	254, 154, 67
RGB Percent	100%, 60%, 26%
CMY	0.0039, 0.3961, 0.7373
CMYK	0.00, 0.39, 0.74, 0.00
HSL	28°, 99%, 63%
HSV	28°, 74%, 100%
XYZ	53.4418, 44.5873, 11.0997
YIQ	173.9820, 87.5270, -5.8570

Conversions

Conversions Part 2

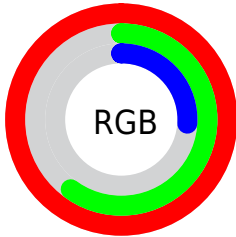
Format	Color
RYB	254, 230, 67
Decimal	16685635
CIELab	72.62, 30.70, 59.36
CIELCh	73, 66.834, 62.651
Yxy	44.5873, 0.4897, 0.4086
Android (android.graphics.Color)	4294875715 (0xFFFE9A43)
YUV	173.9820, -52.7421, 70.1758
Hunter-Lab	66.7737, 26.0070, 36.8859

Details

The Hex color **FE9A43** 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 **43A7FE**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFD178**, and **C06607** is the 20% darker color. If you saturate the color by 10%, you get **FE8C2A**, and if you desaturate by 10%, it is **FEA85C**.

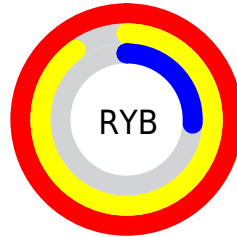
Distribution



Red (100%)

Green (60%)

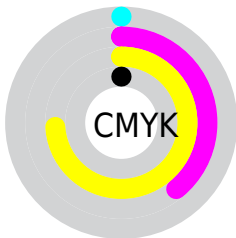
Blue (26%)



Red (100%)

Yellow (90%)

Blue (26%)

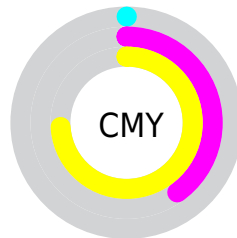


Cyan (0%)

Magenta (39%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color FE9A43 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 FE9A43 by changing the saturation by 10% instead.

 FE9A43

 FE9A43

FFFFFF

 DF8028

 FFD178

 C06607

 FFED92

 A14D00

 FFFFAE

 833500

 FFFFCA

 661E00

 FFFFEE

 490400

 300000

 000000

 FE9A43

 FE9A43

 FE8C2A

 FEA85C

 FE7F10

 FEB576

 FE7600

 FEC38F

 FED0A9

 FEDEC2

 FEEBDB

 FEF9F5

FEFFFF

Harmonies

Analogous

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



FF8374



FE9A43



CDB12B

Triad

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



FE9A43



00CFB6



BBA0FF

Complementary

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



FE9A43



43A7FE

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.



0BB7FF



FE9A43



00CEF3

Square

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



FE9A43



25CB77



00C7FF



FF86EB

Rectangle

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



FE9A43



A5BD36



00C7FF



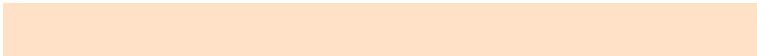
98A8FF

Sweetspot

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



FE9A43



FFE1C7



FE43AA



806E5E



000000



808080

Same Dimension

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



FE9A43



FF871F



FEF543



807973



BF5900



401E00

Inverse Universe

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



43A7FE



1F97FF



434CFE



737A80



0066BF



002240

Previews

White Background



This preview shows how the Hex color FE9A43 looks on a white background.

Color Contrast Check

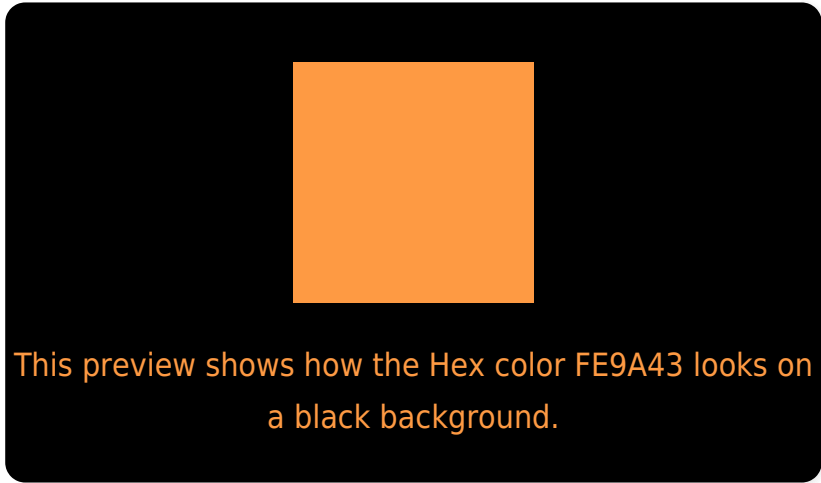
Large Text (above 18pt) WCAG AA × Fail

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 FE9A43 Background



This preview shows how black text looks on a background with the Hex color FE9A43.



This preview shows how white text looks on a background with the Hex color FE9A43.

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
FE9A43

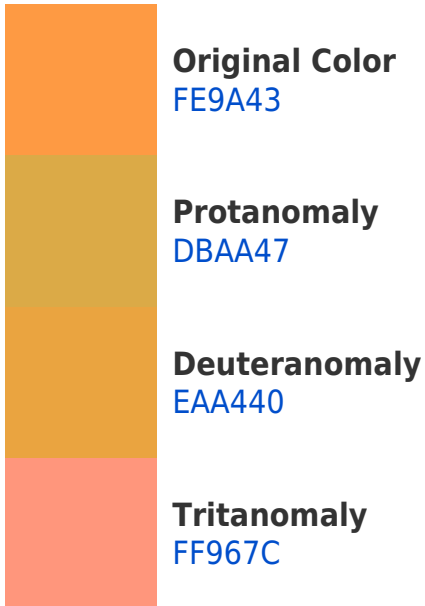
Protanopia
C7B34A

Deuteranopia
DFAA3E

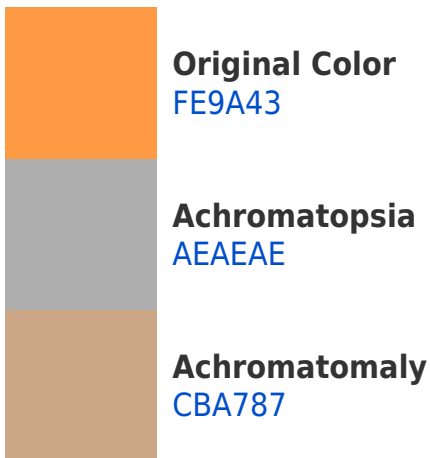


Tritanopia
FF939D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FE9A43 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 #FE9A43 looks like.

```
.text, #text, p{  
    color:#FE9A43  
}
```

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 #FE9A43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE9A43
}
```

Border

The CSS property to change the border of an element to Hex FE9A43 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
#FE9A43 }
```

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

```
.border{ border-color:#FE9A43 }
```

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

Here you see how a box with a 4 pixel #FE9A43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE9A43; -webkit-box-shadow:4px 4px  
4px 4px #FE9A43; box-shadow:4px 4px 4px  
4px #FE9A43 }
```

Background

The CSS property to change the background color of an element to Hex FE9A43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE9A43 }
```

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

```
.background{ background-color:#FE9A43 }
```

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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