

Converting Colors

Hex(FE9643)

Have a look what the booklet for
Hex(FE9643) contains.

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Color

Hex(FE9643)

Conversions

Conversions Part 1

Format	Color
Hex	FE9643
RGB	254, 150, 67
RGB Percent	100%, 59%, 26%
CMY	0.0039, 0.4118, 0.7373
CMYK	0.00, 0.41, 0.74, 0.00
HSL	27°, 99%, 63%
HSV	27°, 74%, 100%
XYZ	52.7925, 43.2888, 10.8833
YIQ	171.6340, 88.6270, -3.7650

Conversions

Conversions Part 2

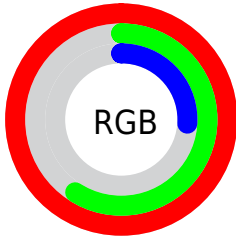
Format	Color
RYB	254, 216, 67
Decimal	16684611
CIELab	71.75, 32.77, 58.48
CIElCh	72, 67.033, 60.733
Yxy	43.2888, 0.4936, 0.4047
Android (android.graphics.Color)	4294874691 (0xFFFE9643)
YUV	171.6340, -51.5846, 72.2350
Hunter-Lab	65.7942, 28.0865, 36.2485

Details

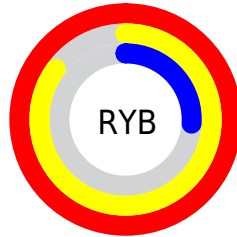
The Hex color **FE9643** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **43ABFE**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFCD77**, and **C06208** is the 20% darker color. If you saturate the color by 10%, you get **FE882A**, and if you desaturate by 10%, it is **FEA45C**.

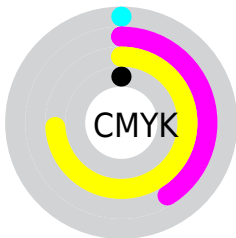
Distribution



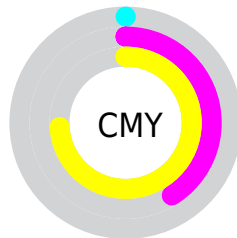
- Red (100%)
- Green (59%)
- Blue (26%)



- Red (100%)
- Yellow (85%)
- Blue (26%)



- Cyan (0%)
- Magenta (41%)
- Yellow (74%)
- Black (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color FE9643 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 FE9643 by changing the saturation by 10% instead.

 FE9643

 FE9643

FFFFFF

 DF7C29

 FFCD77

 C06208

 FFE992

 A14900

 FFFFAE

 833100

 FFFFCA

 651900

 FFFF E6

 490000

 300001

 000000

 FE9643

 FE9643

 FE882A

 FEA45C

 FE7A10

 FEB276

 FE7100

 FEC08F

 FECFA9

 FEDDC2

 FEEBDB

 FEF9F5

FEFFFF

Harmonies

Analogous

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



FF7F75



FE9643



CEAD27

Triad

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



FE9643



00CDAF



B29FFF

Complementary

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



FE9643



43ABFE

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.



00B6FF



FE9643



00CCED

Square

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



FE9643



2EC871



00C5FF



FB85ED

Rectangle

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



FE9643



A7B931



00C5FF



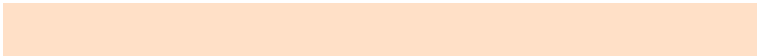
8EA7FF

Sweetspot

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



FE9643



FFE0C7



FE43AD



806D5E



000000



808080

Same Dimension

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



FE9643



FF821F



FEF243



807873



BF5500



401C00

Inverse Universe

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



43ABFE



1F9BFF



434FFE



737A80



006ABF



002340

Previews

White Background



This preview shows how the Hex color FE9643 looks on a white background.

Color Contrast Check

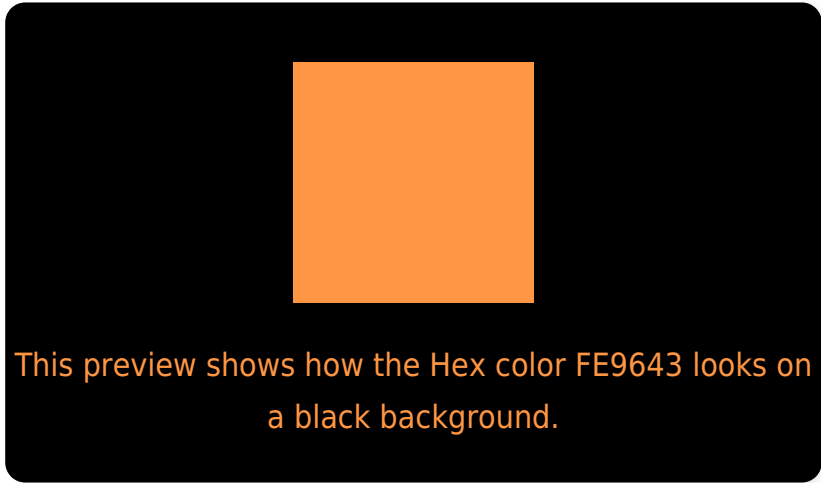
Large Text (above 18pt) WCAG AA × Fail

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 FE9643 Background



This preview shows how black text looks on a background with the Hex color FE9643.

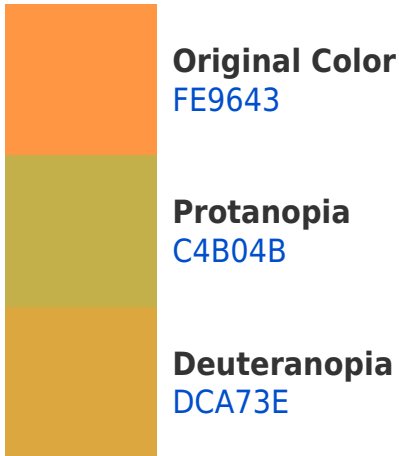


This preview shows how white text looks on a background with the Hex color FE9643.

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](#).

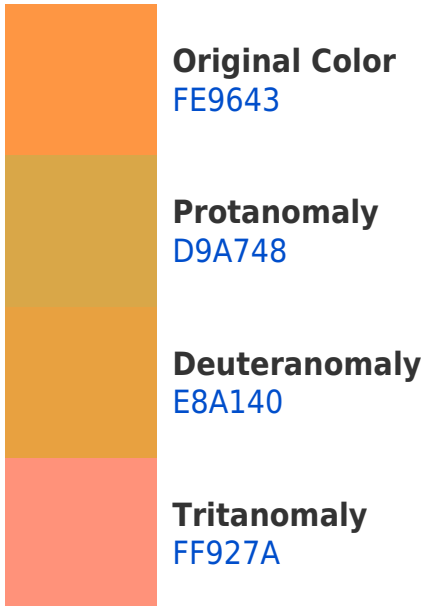
Dichromacy



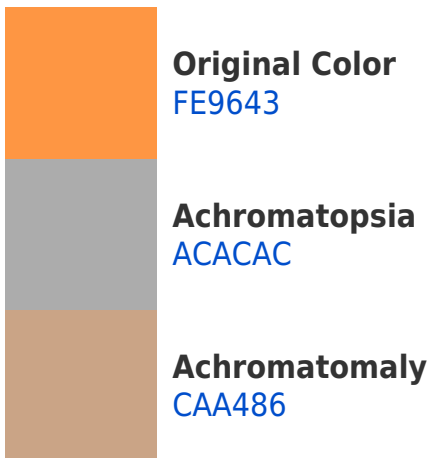


Tritanopia
FF8F99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FE9643 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 #FE9643 looks like.

```
.text, #text, p{  
    color:#FE9643  
}
```

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 #FE9643 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE9643
}
```

Border

The CSS property to change the border of an element to Hex FE9643 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
#FE9643 }
```

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

```
.border{ border-color:#FE9643 }
```

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

Here you see how a box with a 4 pixel #FE9643 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE9643; -webkit-box-shadow:4px 4px  
4px 4px #FE9643; box-shadow:4px 4px 4px  
4px #FE9643 }
```

Background

The CSS property to change the background color of an element to Hex FE9643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE9643 }
```

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

```
.background{ background-color:#FE9643 }
```

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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