

Converting Colors

Hex(FF9E43)

Have a look what the booklet for
Hex(FF9E43) contains.

Hex(FF9E43)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FE9E43)

Conversions

Conversions Part 1

Format	Color
Hex	FF9E43
RGB	255, 158, 67
RGB Percent	100%, 62%, 26%
CMY	0.0000, 0.3804, 0.7373
CMYK	0.00, 0.38, 0.74, 0.00
HSL	29°, 100%, 63%
HSV	29°, 74%, 100%
XYZ	54.4800, 46.1190, 11.3406
YIQ	176.6290, 87.0230, -7.7370

Conversions

Conversions Part 2

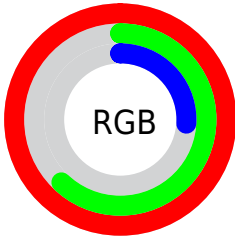
Format	Color
R _Y B	255, 243, 67
Decimal	16752195
CIE Lab	73.62, 29.03, 60.42
CIE LCh	74, 67.036, 64.334
Yxy	46.1190, 0.4867, 0.4120
Android (android.graphics.Color)	4294942275 (0xFFFF9E43)
YUV	176.6290, -54.0471, 68.7314
Hunter-Lab	67.9109, 24.3533, 37.6367

Details

The Hex color **FF9E43** 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 **43A4FF**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFD578**, and **C16A05** is the 20% darker color. If you saturate the color by 10%, you get **FF9129**, and if you desaturate by 10%, it is **FFAB5C**.

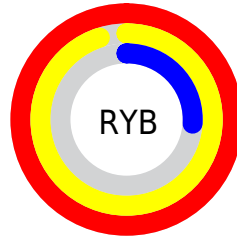
Distribution



Red (100%)

Green (62%)

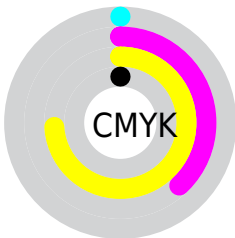
Blue (26%)



Red (100%)

Yellow (95%)

Blue (26%)

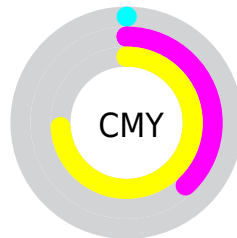


Cyan (0%)

Magenta (38%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9E43 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 FF9E43 by changing the saturation by 10% instead.

 FF9E43

 FF9E43

FFFFFF

 E08428

 FFD578

 C16A05

 FFF293

 A25100

 FFFFAE

 853900

 FFFFCA

 672200

 FFFFEE

 4A0900

 300000

 040000

 000000

 FF9E43

 FF9E43

 FF9129

 FFAB5C

 FF8410

 FFB876

 FF7B00

 FFC590

 FFD3A9

 FFE0C3

 FFEDDC

 FFFAF5

FFFFFF

Harmonies

Analogous

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



FF8673



FF9E43



CDB52D

Triad

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



FF9E43



00D2BC



C3A1FF

Complementary

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



FF9E43



43A4FF

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.



32B9FF



FF9E43



00D1F9

Square

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



FF9E43



19CF7D



00C9FF



FF87EB

Rectangle

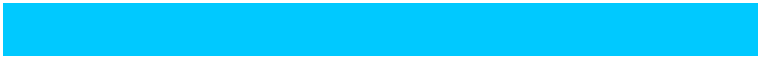
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF9E43



A4C03A



00C9FF



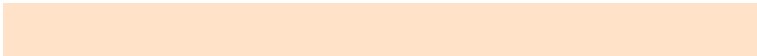
A1A9FF

Sweetspot

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



FF9E43



FFE2C7



FF43A4



806E5E



000000



808080

Same Dimension

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



FF9E43



FF8B1F



FFFC43



807973



BF5D00



401F00

Inverse Universe

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



43A4FF



1F92FF



4346FF



737980



0063BF



002140

Previews

White Background



This preview shows how the Hex color FF9E43 looks on a white background.

Color Contrast Check

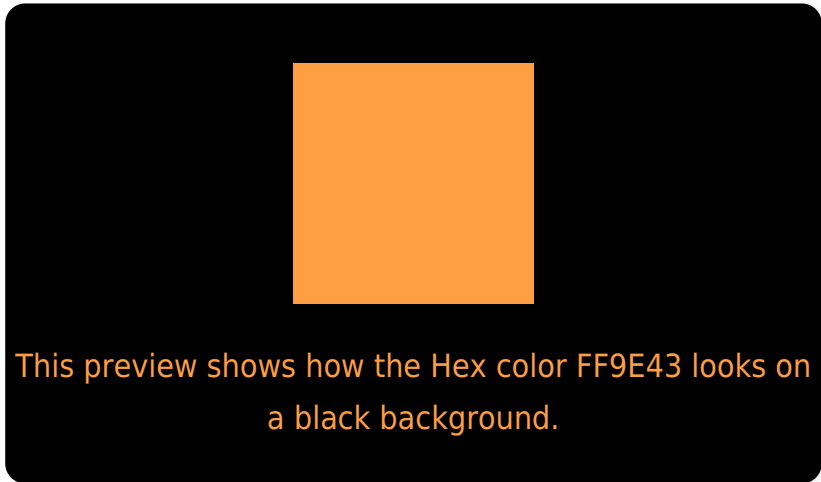
Large Text (above 18pt) WCAG AA × Fail

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 FF9E43 Background



This preview shows how black text looks on a background with the Hex color FF9E43.



This preview shows how white text looks on a background with the Hex color FF9E43.

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
FF9E43

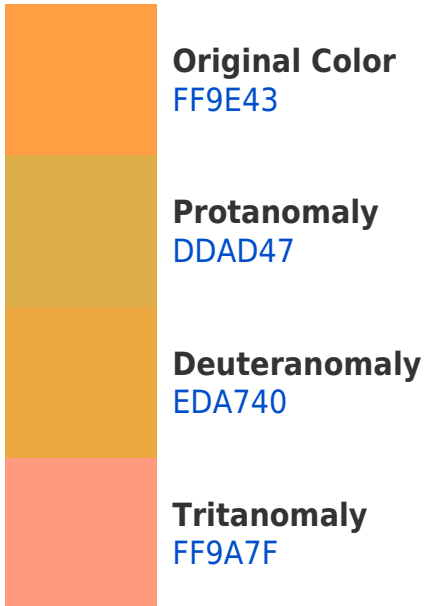
Protanopia
CAB64A

Deuteranopia
E3AC3F

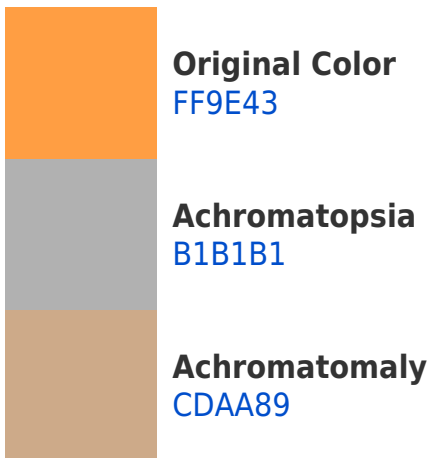


Tritanopia
FF97A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF9E43 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 #FF9E43 looks like.

```
.text, #text, p{  
    color:#FF9E43  
}
```

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 #FF9E43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9E43
}
```

Border

The CSS property to change the border of an element to Hex FF9E43 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
#FF9E43 }
```

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

```
.border{ border-color:#FF9E43 }
```

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

Here you see how a box with a 4 pixel #FF9E43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9E43; -webkit-box-shadow:4px 4px  
4px 4px #FF9E43; box-shadow:4px 4px 4px  
4px #FF9E43 }
```

Background

The CSS property to change the background color of an element to Hex FF9E43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9E43 }
```

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

```
.background{ background-color:#FF9E43 }
```

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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