

# Converting Colors

Hex(FF9F47)

Have a look what the booklet for  
Hex(FF9F47) contains.

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**Color**

**Hex(F99F47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9F47
RGB	255, 159, 71
RGB Percent	100%, 62%, 28%
CMY	0.0000, 0.3765, 0.7216
CMYK	0.00, 0.38, 0.72, 0.00
HSL	29°, 100%, 64%
HSV	29°, 72%, 100%
XYZ	54.7755, 46.5112, 12.0518
YIQ	177.6720, 85.4640, -7.0160

# Conversions

## Conversions Part 2

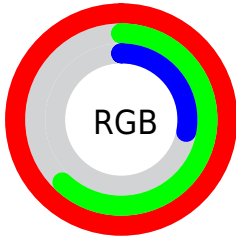
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 240, 71
Decimal	16752455
CIELab	73.88, 28.69, 58.93
CIElCh	74, 65.545, 64.040
Yxy	46.5112, 0.4833, 0.4104
Android (android.graphics.Color)	4294942535 (0xFFFF9F47)
YUV	177.6720, -52.5893, 67.8167
Hunter-Lab	68.1991, 24.0173, 37.2619

# Details

The Hex color **FF9F47** 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 **47A7FF**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFD67C**, and **C16B0D** is the 20% darker color. If you saturate the color by 10%, you get **FF922E**, and if you desaturate by 10%, it is **FFAC61**.

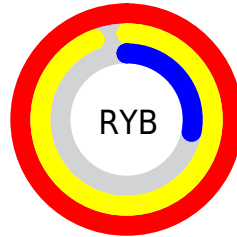
# Distribution



Red (100%)

Green (62%)

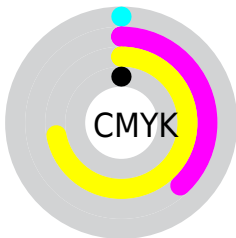
Blue (28%)



Red (100%)

Yellow (94%)

Blue (28%)

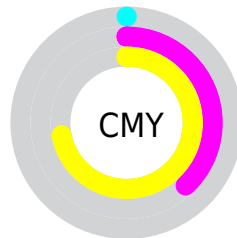


Cyan (0%)

Magenta (38%)

Yellow (72%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF9F47 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 FF9F47 by changing the saturation by 10% instead.



 FF9F47

 FF9F47

FFFFFF

 E0852D

 FFD67C

 C16B0D

 FFF397

 A35200

 FFFFB2

 853A00

 FFFFCE

 672300

 FFFFEB

 4B0B00

 310000

 060000

 000000

 FF9F47

 FF9F47

 FF922E

 FFAC61

 FF8414

 FFBA7A

 FF7A00

 FFC793

 FFD4AD

 FFE2C7

 FFEFE0

 FFFCFA

FFFFFF

# Harmonies

## Analogous

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



FF8876



FF9F47



CEB532

# Triad

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



FF9F47



00D3BC



C2A2FF

# Complementary

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



FF9F47



47A7FF

# 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.



3BBAFF



FF9F47



00D1F7

# Square

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



FF9F47



28CF7E



00CAFF



FF8AEB

# Rectangle

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



FF9F47



A6C13E



00CAFF



A2ABFF

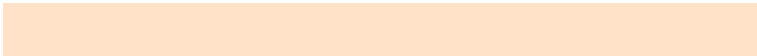


# Sweetspot

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



FF9F47



FFE2C7



FF47A9



806E5E



000000



808080



# Same Dimension

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



FF9F47



FF8B21



FFF947



807973



BF5B00



401E00



# Inverse Universe

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



47A7FF



2195FF



474DFF



737980



0064BF



002140



# Previews

## White Background



This preview shows how the Hex color FF9F47 looks on a white background.

## Color Contrast Check

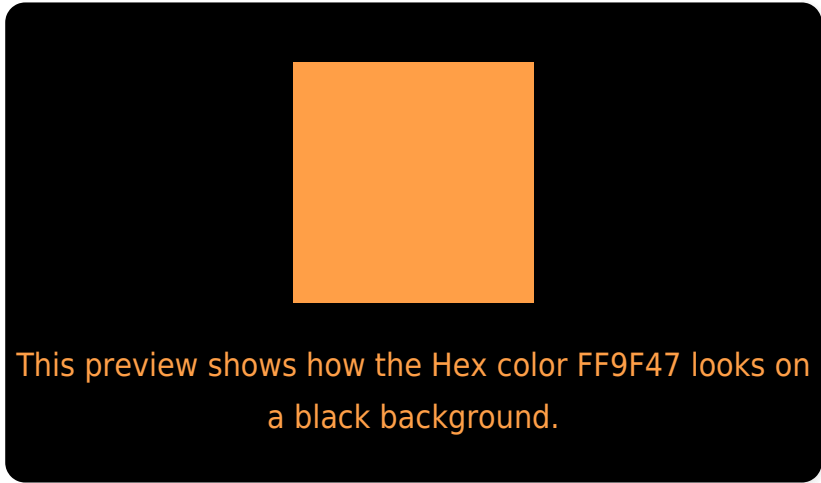
Large Text (above 18pt) WCAG AA × Fail

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 FF9F47 Background



This preview shows how black text looks on a background with the Hex color FF9F47.



This preview shows how white text looks on a background with the Hex color FF9F47.

# 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**  
FF9F47

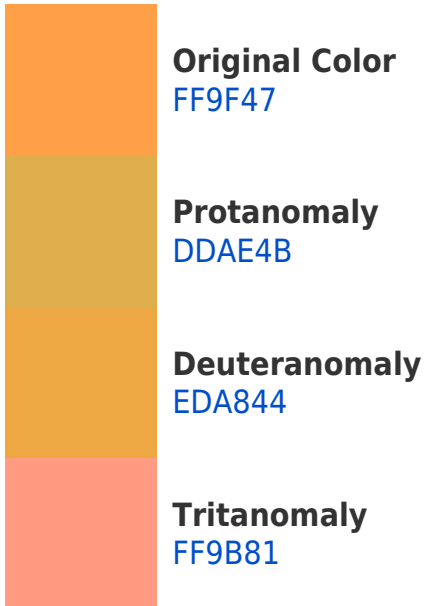
**Protanopia**  
CAB64E

**Deuteranopia**  
E3AD43

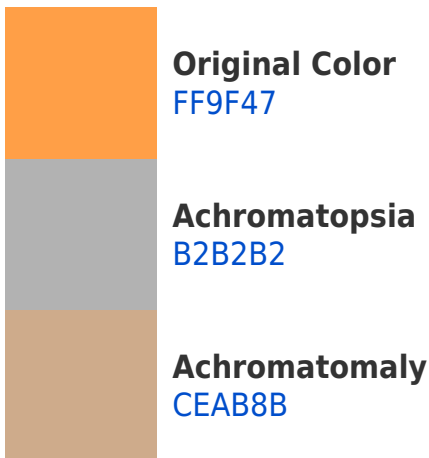


**Tritanopia**  
FF98A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF9F47 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 #FF9F47 looks like.

```
.text, #text, p{  
    color:#FF9F47  
}
```

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 #FF9F47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9F47
}
```

## Border

The CSS property to change the border of an element to Hex FF9F47 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
#FF9F47 }
```

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

```
.border{ border-color:#FF9F47 }
```

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

Here you see how a box with a 4 pixel #FF9F47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9F47; -webkit-box-shadow:4px 4px  
4px 4px #FF9F47; box-shadow:4px 4px 4px  
4px #FF9F47 }
```

# Background

The CSS property to change the background color of an element to Hex FF9F47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9F47 }
```

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

```
.background{ background-color:#FF9F47 }
```

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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