

# Converting Colors

Hex(FF9B47)

Have a look what the booklet for  
Hex(FF9B47) contains.

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# **Color**

**Hex(F99B47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9B47
RGB	255, 155, 71
RGB Percent	100%, 61%, 28%
CMY	0.0000, 0.3922, 0.7216
CMYK	0.00, 0.39, 0.72, 0.00
HSL	27°, 100%, 64%
HSV	27°, 72%, 100%
XYZ	54.0987, 45.1576, 11.8262
YIQ	175.3240, 86.5640, -4.9240

# Conversions

## Conversions Part 2

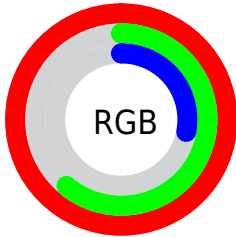
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 226, 71
Decimal	16751431
CIE <sub>Lab</sub>	73.00, 30.77, 58.02
CIE <sub>LCh</sub>	73, 65.669, 62.063
Yxy	45.1576, 0.4870, 0.4065
Android (android.graphics.Color)	4294941511 (0xFFFF9B47)
YUV	175.3240, -51.4317, 69.8759
Hunter-Lab	67.1994, 26.1019, 36.6053

# Details

The Hex color **FF9B47** 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 **47ABFF**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFD27B**, and **C1670F** is the 20% darker color. If you saturate the color by 10%, you get **FF8D2E**, and if you desaturate by 10%, it is **FFA961**.

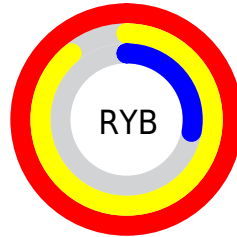
# Distribution



Red (100%)

Green (61%)

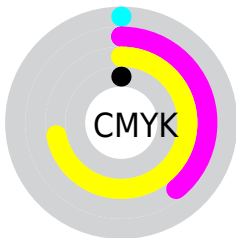
Blue (28%)



Red (100%)

Yellow (89%)

Blue (28%)

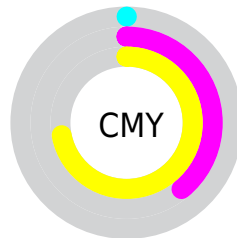


Cyan (0%)

Magenta (39%)

Yellow (72%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF9B47 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 FF9B47 by changing the saturation by 10% instead.



 FF9B47

 FF9B47

FFFFFF

 E0812D

 FFD27B

 C1670F

 FFEE96

 A24E00

 FFFFB2

 853600

 FFFFCE

 671E00

 FFFFEB

 4A0500

 300000

 010000

 000000

 FF9B47

 FF9B47

 FF8D2E

 FFA961

 FF7F14

 FFB77A

 FF7400

 FFC593

 FFD2AD

 FFE0C7

 FFE0E0

 FFFCFA

FFFFFF

# Harmonies

## Analogous

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



FF8477



FF9B47



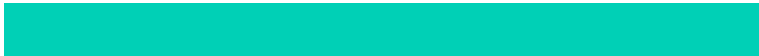
CFB22F

# Triad

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



FF9B47



00D0B6



BAA1FF

# Complementary

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



FF9B47



47ABFF

# 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.



18B9FF



FF9B47



00CFF1

# Square

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



FF9B47



31CC78



00C8FF



FF88ED

# Rectangle

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



FF9B47



A8BD3A



00C8FF



98AAFF



# Sweetspot

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



FF9B47



FFE1C7



FF47AC



806D5E



000000



808080



# Same Dimension

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



FF9B47



FF8621



FFF647



807973



BF5700



401D00



# Inverse Universe

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



47ABFF



219AFF



4750FF



737A80



0068BF



002340



# Previews

## White Background



This preview shows how the Hex color FF9B47 looks on a white background.

## Color Contrast Check

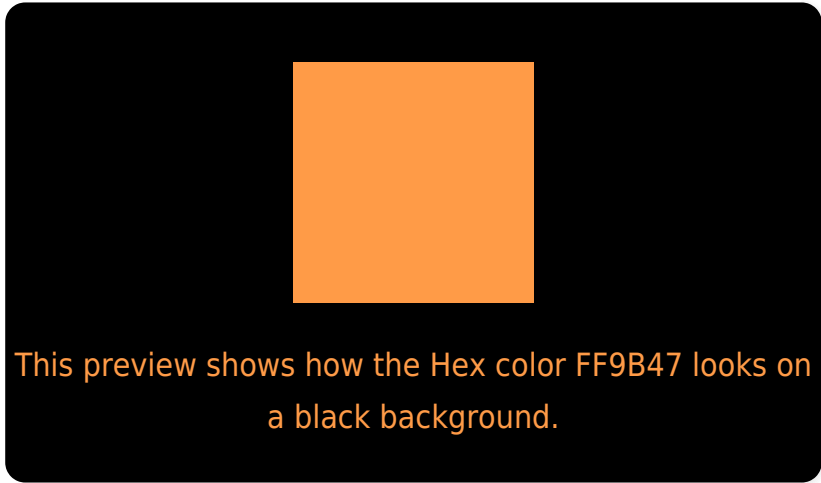
Large Text (above 18pt) WCAG AA × Fail

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 FF9B47 Background



This preview shows how black text looks on a background with the Hex color FF9B47.



This preview shows how white text looks on a background with the Hex color FF9B47.

# 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**  
FF9B47

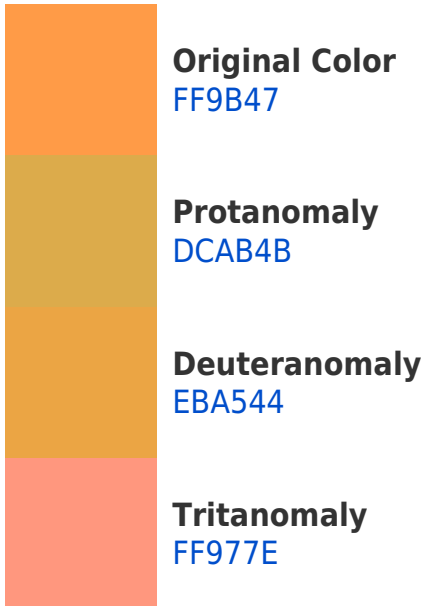
**Protanopia**  
C8B44E

**Deuteranopia**  
E0AB43

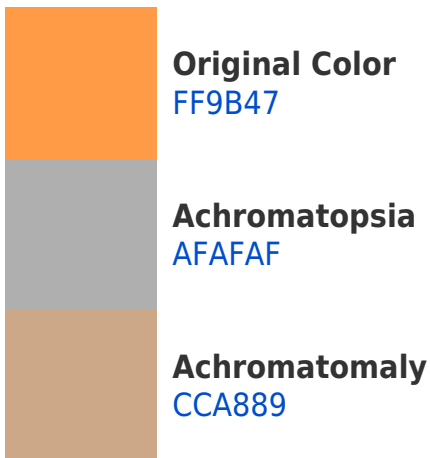


**Tritanopia**  
FF959E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF9B47 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 #FF9B47 looks like.

```
.text, #text, p{  
    color:#FF9B47  
}
```

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 #FF9B47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9B47
}
```

## Border

The CSS property to change the border of an element to Hex FF9B47 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
#FF9B47 }
```

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

```
.border{ border-color:#FF9B47 }
```

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

Here you see how a box with a 4 pixel #FF9B47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9B47; -webkit-box-shadow:4px 4px  
4px 4px #FF9B47; box-shadow:4px 4px 4px  
4px #FF9B47 }
```

# Background

The CSS property to change the background color of an element to Hex FF9B47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9B47 }
```

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

```
.background{ background-color:#FF9B47 }
```

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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