

# Converting Colors

Hex(FF9B60)

Have a look what the booklet for  
Hex(FF9B60) contains.

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# **Color**

**Hex(F99B60)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9B60
RGB	255, 155, 96
RGB Percent	100%, 61%, 38%
CMY	0.0000, 0.3922, 0.6235
CMYK	0.00, 0.39, 0.62, 0.00
HSL	22°, 100%, 69%
HSV	22°, 62%, 100%
XYZ	55.0727, 45.5472, 16.9552
YIQ	178.1740, 78.5390, 2.8510

# Conversions

## Conversions Part 2

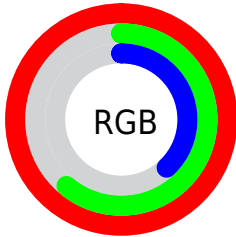
Format	Color
<a href="#">RYB</a>	<a href="#">255, 190, 96</a>
Decimal	<a href="#">16751456</a>
CIELab	<a href="#">73.25, 32.14, 46.28</a>
CIELCh	<a href="#">73, 56.345, 55.223</a>
Yxy	<a href="#">45.5472, 0.4684, 0.3874</a>
Android (android.graphics.Color)	<a href="#">4294941536</a> ( <a href="#">0xFFFF9B60</a> )
YUV	<a href="#">178.1740, -40.5118, 67.3764</a>
Hunter-Lab	<a href="#">67.4887, 27.5558, 32.3467</a>

# Details

The Hex color **FF9B60** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **60C4FF**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFD294**, and **C2672F** is the 20% darker color. If you saturate the color by 10%, you get **FF8B47**, and if you desaturate by 10%, it is **FFAB7A**.

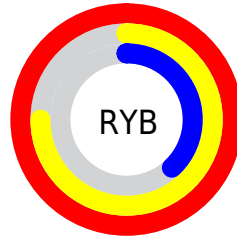
# Distribution



Red (100%)

Green (61%)

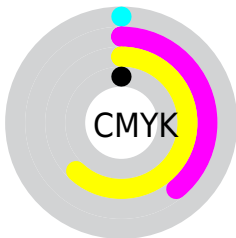
Blue (38%)



Red (100%)

Yellow (75%)

Blue (38%)

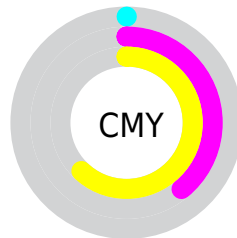


Cyan (0%)

Magenta (39%)

Yellow (62%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF9B60 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 FF9B60 by changing the saturation by 10% instead.



 FF9B60

 FF9B60

FFFFFF

 E08147

 FFD294

 C2672F

 FFEFAF

 A44E16

 FFFFCB

 863600

 FFFF7E

 691D00

 4C0300

 320000

 080000

 000000

 FF9B60

 FF9B60

 FF8B47

 FFAB7A

 FF7B2D

 FFBB93

 FF6B14

 FFCBAD

 FF5F00

 FFDBC6

 FFEBE0

 FFFBF9

FFFFFF

# Harmonies

## Analogous

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



FF8B8B



FF9B60



D9AE49

# Triad

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



FF9B60



00CDAA



A9AAFF

# Complementary

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



FF9B60



60C4FF

# 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.



2ABCFF



FF9B60



00CDDE

# Square

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



FF9B60



66C877



00C8FF



EC95EF

# Rectangle

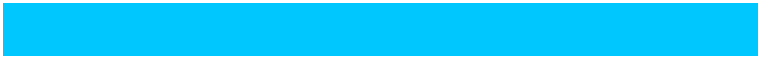
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF9B60



B8B94B



00C8FF



8BB0FF

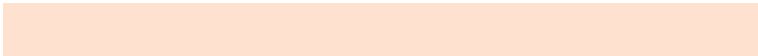


# Sweetspot

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



FF9B60



FFE1CF



FF60C5



806D62



000000



808080



# Same Dimension

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



FF9B60



FF8740



FFEA60



807773



BF4700

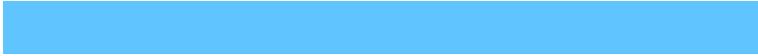


401800



# Inverse Universe

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



60C4FF



40B8FF



6075FF



737B80



0078BF



002840



# Previews

## White Background



This preview shows how the Hex color FF9B60 looks on a white background.

## Color Contrast Check

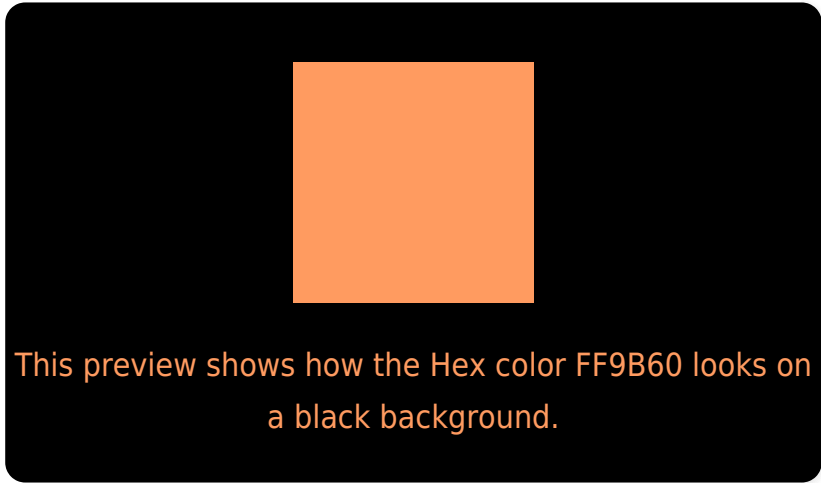
Large Text (above 18pt) WCAG AA × Fail

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 FF9B60 Background



This preview shows how black text looks on a background with the Hex color FF9B60.

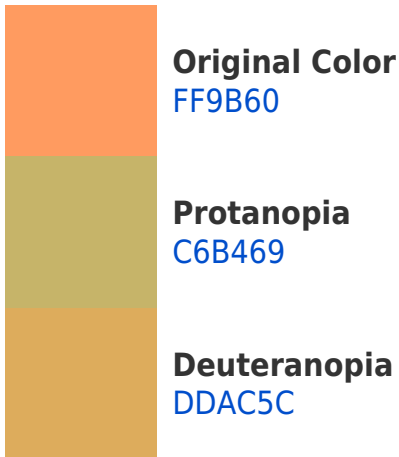


This preview shows how white text looks on a background with the Hex color FF9B60.

# 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](#).

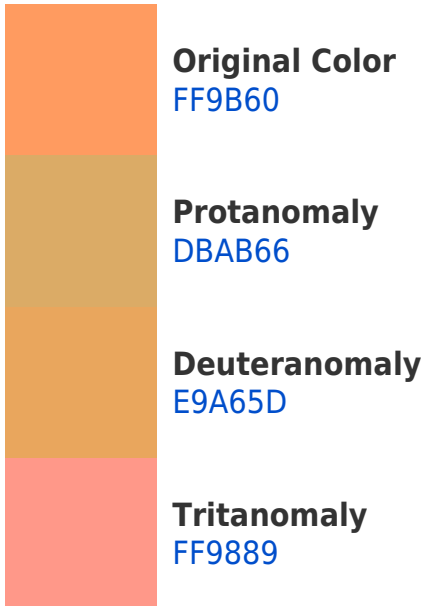
## Dichromacy



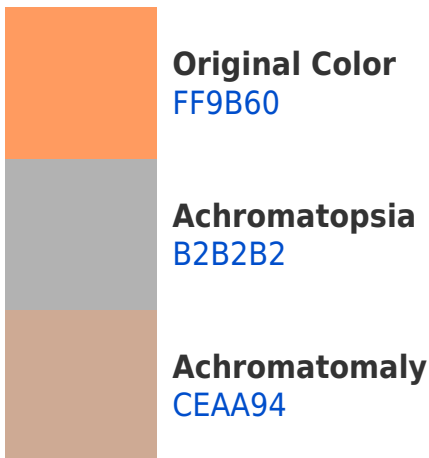


**Tritanopia**  
FF96A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF9B60 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 #FF9B60 looks like.

```
.text, #text, p{  
    color:#FF9B60  
}
```

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 #FF9B60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9B60
}
```

## Border

The CSS property to change the border of an element to Hex FF9B60 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
#FF9B60 }
```

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

```
.border{ border-color:#FF9B60 }
```

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

Here you see how a box with a 4 pixel #FF9B60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9B60; -webkit-box-shadow:4px 4px  
4px 4px #FF9B60; box-shadow:4px 4px 4px  
4px #FF9B60 }
```

# Background

The CSS property to change the background color of an element to Hex FF9B60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9B60 }
```

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

```
.background{ background-color:#FF9B60 }
```

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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