

# Converting Colors

Hex(FF9140)

Have a look what the booklet for  
Hex(FF9140) contains.

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**Color**

**Hex(F99140)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9140
RGB	255, 145, 64
RGB Percent	100%, 57%, 25%
CMY	0.0000, 0.4314, 0.7490
CMYK	0.00, 0.43, 0.75, 0.00
HSL	25°, 100%, 63%
HSV	25°, 75%, 100%
XYZ	52.2908, 41.8810, 10.1783
YIQ	168.6560, 91.5610, -1.8710

# Conversions

## Conversions Part 2

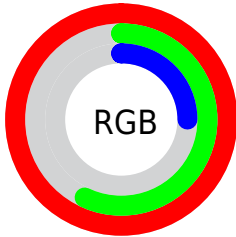
Format	Color
<a href="#">RYB</a>	255, 205, 64
Decimal	16748864
CIELab	70.79, 35.61, 58.87
CIELCh	71, 68.800, 58.829
Yxy	41.8810, 0.5011, 0.4014
Android (android.graphics.Color)	4294938944 (0xFFFF9140)
YUV	168.6560, -51.5954, 75.7237
Hunter-Lab	64.7155, 30.9778, 35.9759

# Details

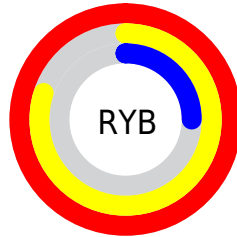
The Hex color **FF9140** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **40AEFF**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFC874**, and **C05D03** is the 20% darker color. If you saturate the color by 10%, you get **FF8226**, and if you desaturate by 10%, it is **FFA05A**.

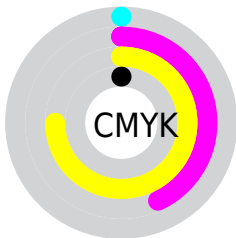
# Distribution



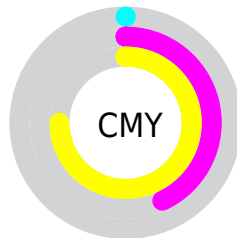
- Red (100%)
- Green (57%)
- Blue (25%)



- Red (100%)
- Yellow (80%)
- Blue (25%)



- Cyan (0%)
- Magenta (43%)
- Yellow (75%)
- Black (0%)



- Cyan (0%)
- Magenta (43%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF9140 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 FF9140 by changing the saturation by 10% instead.



 FF9140

 FF9140

FFFFFF

 DF7725

 FFC874

 C05D03

 FFE48F

 A14400

 FFFFAA

 832B00

 FFFFC6

 651200

 FFFFEE

 490000

 300001

 000000

 FF9140

 FF9140

 FF8226

 FFA05A

 FF740D

 FFAE73

 FF6C00

 FFBD8D

 FFCCA6

 FFDAC0

 FFE9D9

 FFF8F3

FFFFFF

# Harmonies

## Analogous

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



FF7975



FF9140



CFA91E

# Triad

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



FF9140



00CBA9



A89EFF

# Complementary

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



FF9140



40AEFF

# 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.



00B5FF



FF9140



00CAE8

# Square

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



FF9140



2EC669



00C4FF



F682EF

# Rectangle

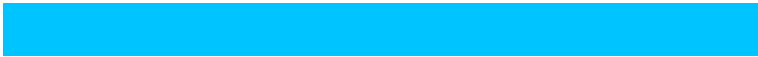
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF9140



A7B627



00C4FF



80A6FF



# Sweetspot

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



FF9140



FFDFC7



FF40AF



806C5E



000000



808080



# Same Dimension

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



FF9140



FF7B19



FFEF40



807873



BF5100



401B00



# Inverse Universe

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



40AEFF



199EFF



4050FF



737A80



006EBF



002540



# Previews

## White Background



This preview shows how the Hex color FF9140 looks on a white background.

## Color Contrast Check

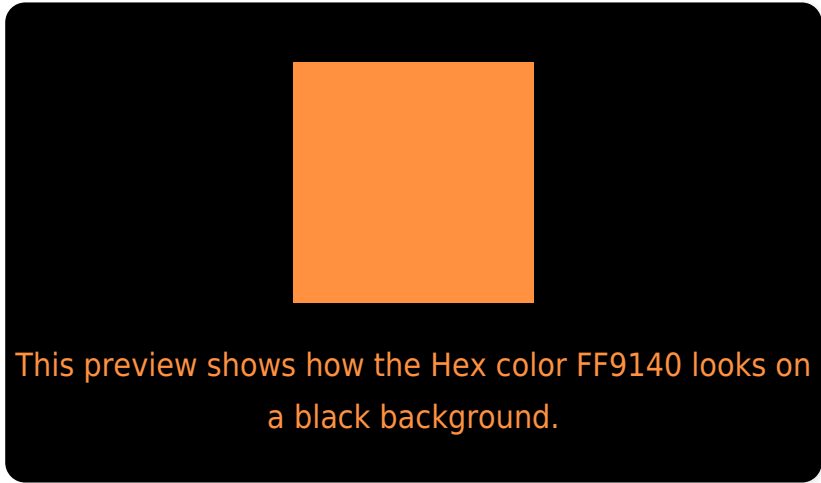
Large Text (above 18pt) WCAG AA × Fail

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 FF9140 Background



This preview shows how black text looks on a background with the Hex color FF9140.

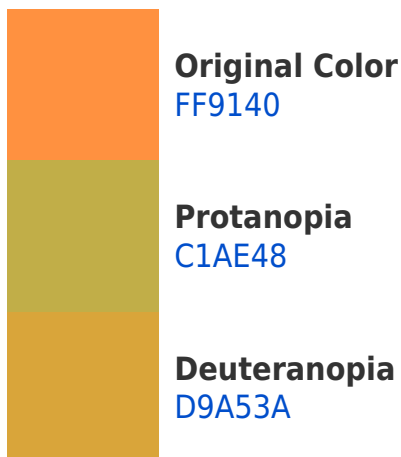


This preview shows how white text looks on a background with the Hex color FF9140.

# 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](#).

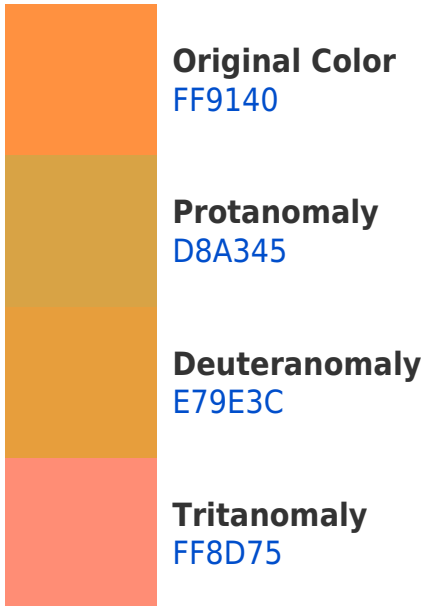
## Dichromacy



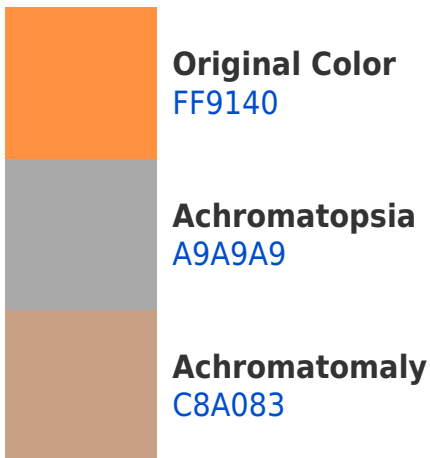


**Tritanopia**  
FF8B94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF9140 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 #FF9140 looks like.

```
.text, #text, p{  
    color:#FF9140  
}
```

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 #FF9140 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9140
}
```

## Border

The CSS property to change the border of an element to Hex FF9140 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
#FF9140 }
```

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

```
.border{ border-color:#FF9140 }
```

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

Here you see how a box with a 4 pixel #FF9140 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9140; -webkit-box-shadow:4px 4px  
4px 4px #FF9140; box-shadow:4px 4px 4px  
4px #FF9140 }
```

# Background

The CSS property to change the background color of an element to Hex FF9140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9140 }
```

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

```
.background{ background-color:#FF9140 }
```

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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