

# Converting Colors

Hex(FF9662)

Have a look what the booklet for  
Hex(FF9662) contains.

<b>Hex(FF9662)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F9662)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9662
RGB	255, 150, 98
RGB Percent	100%, 59%, 38%
CMY	0.0000, 0.4118, 0.6157
CMYK	0.00, 0.41, 0.62, 0.00
HSL	20°, 100%, 69%
HSV	20°, 62%, 100%
XYZ	54.3510, 43.9545, 17.1747
YIQ	175.4670, 79.2720, 6.0880

# Conversions

## Conversions Part 2

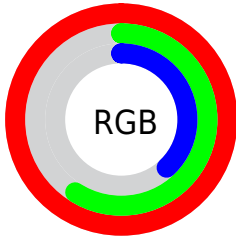
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 176, 98
Decimal	16750178
CIE <sub>Lab</sub>	72.20, 34.85, 44.00
CIE <sub>LCh</sub>	72, 56.130, 51.624
Yxy	43.9545, 0.4707, 0.3806
Android (android.graphics.Color)	4294940258 (0xFFFF9662)
YUV	175.4670, -38.1912, 69.7504
Hunter-Lab	66.2982, 30.3115, 31.0495

# Details

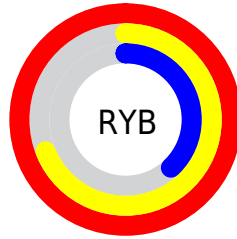
The Hex color **FF9662** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **62CBFF**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFCD96**, and **C26231** is the 20% darker color. If you saturate the color by 10%, you get **FF8549**, and if you desaturate by 10%, it is **FFA77B**.

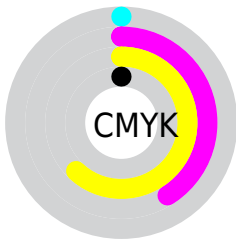
# Distribution



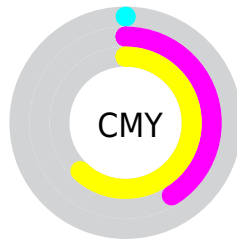
- Red (100%)
- Green (59%)
- Blue (38%)



- Red (100%)
- Yellow (69%)
- Blue (38%)



- Cyan (0%)
- Magenta (41%)
- Yellow (62%)
- Black (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF9662 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 FF9662 by changing the saturation by 10% instead.



 FF9662

 FF9662

FFFFFF

 E07C49

 FFCD96

 C26231

 FFEAB1

 A34919

 FFFFCD

 863000

 FFFFEE9

 691700

 4C0000

 320000

 030000

 000000

 FF9662

 FF9662

 FF8549

 FFA77B

 FF742F

 FFB895

 FF6316

 FFC9AF

 FF5400

 FFDAC8

 FFEBE2

 FFFCFB

FFFFFF

# Harmonies

## Analogous

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



FF878E



FF9662



DBA948

# Triad

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



FF9662



00CAA0



9CA9FF

# Complementary

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



FF9662



62CBFF

# 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.



00BBFF



FF9662



00CAD5

# Square

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



FF9662



6CC46F



00C6FF



E295F1

# Rectangle

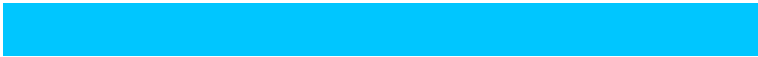
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF9662



BBB547



00C6FF



7CB0FF



# Sweetspot

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



FF9662



FFE0D1



FF62CD



806D63



000000



808080



# Same Dimension

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



FF9662



FF8142



FFE262



807773



BF3F00



401500



# Inverse Universe

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



62CBFF



42C1FF



627FFF



737B80



0080BF



002B40



# Previews

## White Background



This preview shows how the Hex color FF9662 looks on a white background.

## Color Contrast Check

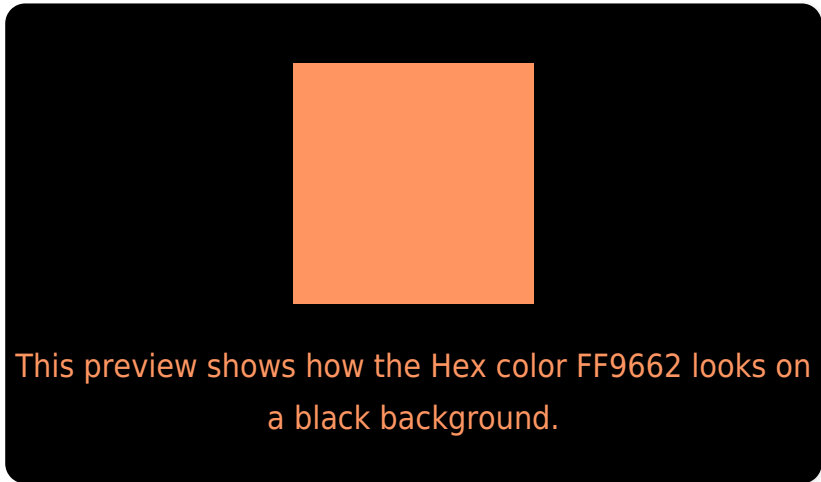
Large Text (above 18pt) WCAG AA × Fail

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

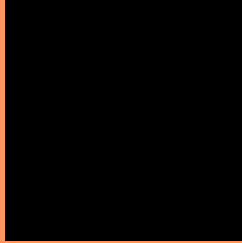
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FF9662 Background



This preview shows how black text looks on a background with the Hex color FF9662.

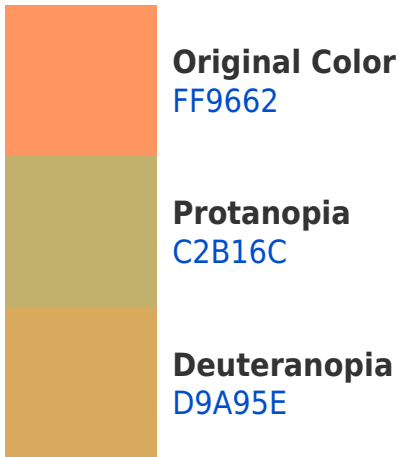


This preview shows how white text looks on a background with the Hex color FF9662.

# 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**  
FF919B

# Trichromacy



**Original Color**  
FF9662



**Protanomaly**  
D8A768



**Deuteranomaly**  
E7A25F



**Tritanomaly**  
FF9386

# Monochromacy



**Original Color**  
FF9662



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
CCA693

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF9662 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 #FF9662 looks like.

```
.text, #text, p{  
    color:#FF9662  
}
```

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 #FF9662 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9662
}
```

## Border

The CSS property to change the border of an element to Hex FF9662 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
#FF9662 }
```

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

```
.border{ border-color:#FF9662 }
```

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

Here you see how a box with a 4 pixel #FF9662 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9662; -webkit-box-shadow:4px 4px  
4px 4px #FF9662; box-shadow:4px 4px 4px  
4px #FF9662 }
```

# Background

The CSS property to change the background color of an element to Hex FF9662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9662 }
```

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

```
.background{ background-color:#FF9662 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor