

Converting Colors

Hex(FF9E50)

Have a look what the booklet for
Hex(FF9E50) contains.

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Color

Hex(FE9E50)

Conversions

Conversions Part 1

Format	Color
Hex	FF9E50
RGB	255, 158, 80
RGB Percent	100%, 62%, 31%
CMY	0.0000, 0.3804, 0.6863
CMYK	0.00, 0.38, 0.69, 0.00
HSL	27°, 100%, 66%
HSV	27°, 69%, 100%
XYZ	54.9148, 46.2929, 13.6305
YIQ	178.1110, 82.8500, -3.6940

Conversions

Conversions Part 2

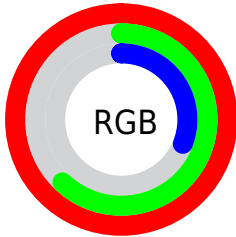
Format	Color
R_{YB}	255, 221, 80
Decimal	16752208
CIE _{Lab}	73.74, 29.65, 54.67
CIE _{LCh}	74, 62.190, 61.524
Yxy	46.2929, 0.4782, 0.4031
Android (android.graphics.Color)	4294942288 (0xFFFF9E50)
YUV	178.1110, -48.3687, 67.4317
Hunter-Lab	68.0389, 25.0010, 35.7494

Details

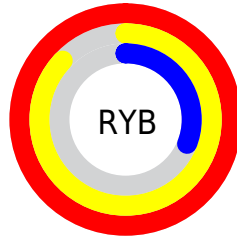
The Hex color **FF9E50** is a light color, and the websafe version is hex **FF9933**. The color can be described as light muted orange. A complement of this color would be **50B1FF**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFD584**, and **C16A1C** is the 20% darker color. If you saturate the color by 10%, you get **FF9037**, and if you desaturate by 10%, it is **FFAC6A**.

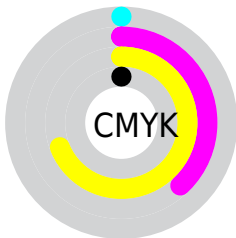
Distribution



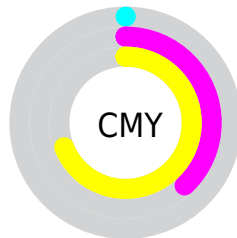
- Red (100%)
- Green (62%)
- Blue (31%)



- Red (100%)
- Yellow (87%)
- Blue (31%)



- Cyan (0%)
- Magenta (38%)
- Yellow (69%)
- Black (0%)



- Cyan (0%)
- Magenta (38%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9E50 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 FF9E50 by changing the saturation by 10% instead.

 FF9E50

 FF9E50

FFFFFF

 E08436

 FFD584

 C16A1C

 FFF29F

 A35100

 FFFFBB

 853900

 FFFFD7

 682200

 FFFFF4

 4B0900

 310000

 070000

 000000

 FF9E50

 FF9E50

 FF9037

 FFAC6A

 FF821D

 FFBA83

 FF7404

 FFC89D

 FF7200

 FFD7B6

 FFE5D0

 FFF3E9

FFFFFF

Harmonies

Analogous

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



FF897D



FF9E50



D2B33B

Triad

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



FF9E50



00D1B6



BBA5FF

Complementary

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



FF9E50



50B1FF

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.



39BBFF



FF9E50



00D0EF

Square

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



FF9E50



44CD7C



00C9FF



FD8EED

Rectangle

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



FF9E50



ACBF43



00C9FF



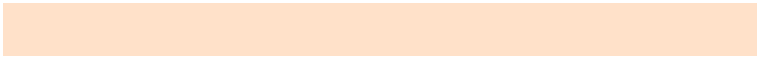
9BADFF

Sweetspot

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



FF9E50



FFE1C9



FF50B3



806E60



000000



808080

Same Dimension

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



FF9E50



FF8B2E



FFF350



807873



BF5500



401C00

Inverse Universe

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



50B1FF



2EA2FF



505CFF



737A80



006ABF



002340

Previews

White Background



This preview shows how the Hex color FF9E50 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 FF9E50 Background



This preview shows how black text looks on a background with the Hex color FF9E50.

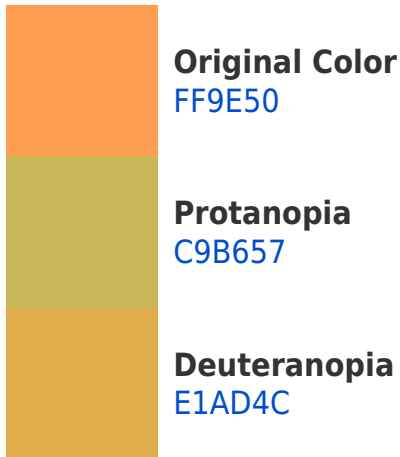


This preview shows how white text looks on a background with the Hex color FF9E50.

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](#).

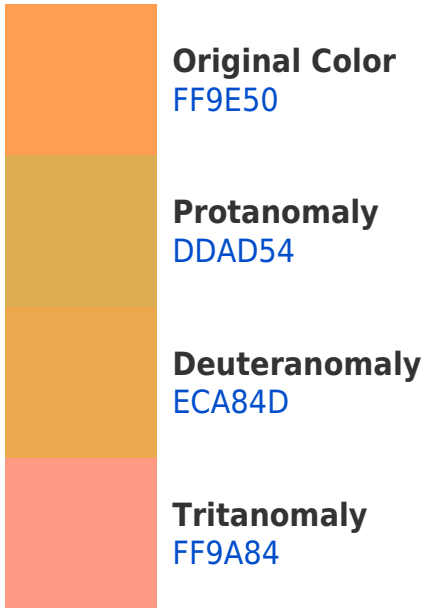
Dichromacy



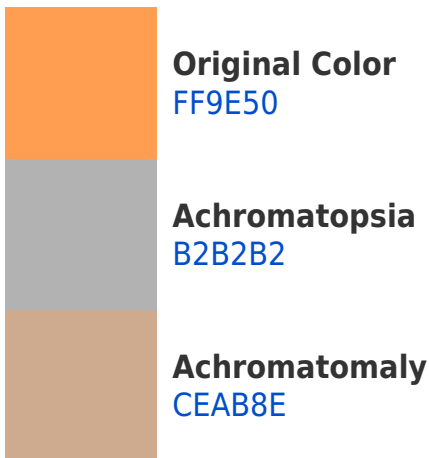


Tritanopia
FF98A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF9E50 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 #FF9E50 looks like.

```
.text, #text, p{  
    color:#FF9E50  
}
```

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 #FF9E50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9E50
}
```

Border

The CSS property to change the border of an element to Hex FF9E50 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
#FF9E50 }
```

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

```
.border{ border-color:#FF9E50 }
```

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

Here you see how a box with a 4 pixel #FF9E50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9E50; -webkit-box-shadow:4px 4px  
4px 4px #FF9E50; box-shadow:4px 4px 4px  
4px #FF9E50 }
```

Background

The CSS property to change the background color of an element to Hex FF9E50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9E50 }
```

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

```
.background{ background-color:#FF9E50 }
```

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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