

Converting Colors

Hex(FF9A4D)

Have a look what the booklet for
Hex(FF9A4D) contains.

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Color

Hex(F9A4D)

Conversions

Conversions Part 1

Format	Color
Hex	FF9A4D
RGB	255, 154, 77
RGB Percent	100%, 60%, 30%
CMY	0.0000, 0.3961, 0.6980
CMYK	0.00, 0.40, 0.70, 0.00
HSL	26°, 100%, 65%
HSV	26°, 70%, 100%
XYZ	54.1352, 44.9070, 12.8359
YIQ	175.4210, 84.9130, -2.5350

Conversions

Conversions Part 2

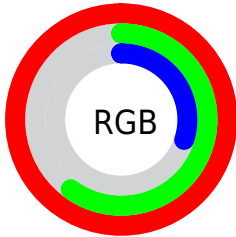
Format	Color
RYB	255, 213, 77
Decimal	16751181
CIELab	72.83, 31.57, 55.09
CIELCh	73, 63.495, 60.184
Yxy	44.9070, 0.4839, 0.4014
Android (android.graphics.Color)	4294941261 (0xFFFF9A4D)
YUV	175.4210, -48.5216, 69.7908
Hunter-Lab	67.0127, 26.9262, 35.5523

Details

The Hex color **FF9A4D** 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 **4DB2FF**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFD181**, and **C16618** is the 20% darker color. If you saturate the color by 10%, you get **FF8C34**, and if you desaturate by 10%, it is **FFA867**.

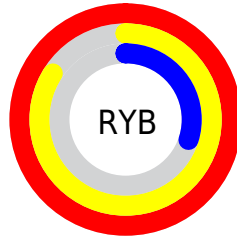
Distribution



Red (100%)

Green (60%)

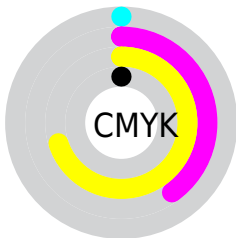
Blue (30%)



Red (100%)

Yellow (84%)

Blue (30%)

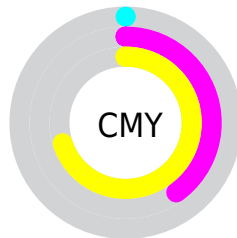


Cyan (0%)

Magenta (40%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9A4D 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 FF9A4D by changing the saturation by 10% instead.

 FF9A4D

 FF9A4D

FFFFFF

 E08033

 FFD181

 C16618

 FFED9C

 A34D00

 FFFFB8

 853500

 FFFFD4

 671D00

 FFFFF1

 4B0300

 310000

 020000

 000000

 FF9A4D

 FF9A4D

 FF8C34

 FFA867

 FF7D1A

 FFB780

 FF6F01

 FFC59A

 FF6E00

 FFD4B3

 FFE2CD

 FFF1E6

FFFFFF

Harmonies

Analogous

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



FF857C



FF9A4D



D2B035

Triad

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



FF9A4D



00CFB1



B4A3FF

Complementary

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



FF9A4D



4DB2FF

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.



10B9FF



FF9A4D



00CEEC

Square

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



FF9A4D



43CA76



00C7FF



FA8BED

Rectangle

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



FF9A4D



ACBC3D



00C7FF



93ABFF

Sweetspot

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



FF9A4D



FFE1C9



FF4DB5



806D60



000000



808080

Same Dimension

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



FF9A4D



FF8529



FFF04D



807873



BF5300



401C00

Inverse Universe

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



4DB2FF



29A2FF



4D5CFF



737A80



006DBF



002440

Previews

White Background



This preview shows how the Hex color FF9A4D looks on a white background.

Color Contrast Check

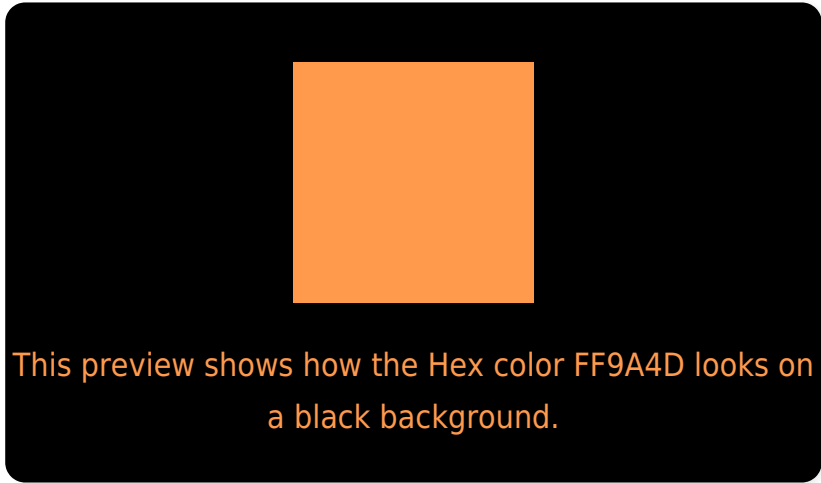
Large Text (above 18pt) WCAG AA × Fail

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

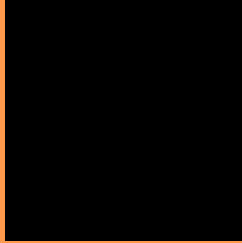
Any Text WCAG AA ✓ Pass

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 FF9A4D Background



This preview shows how black text looks on a background with the Hex color FF9A4D.



This preview shows how white text looks on a background with the Hex color FF9A4D.

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
FF9A4D

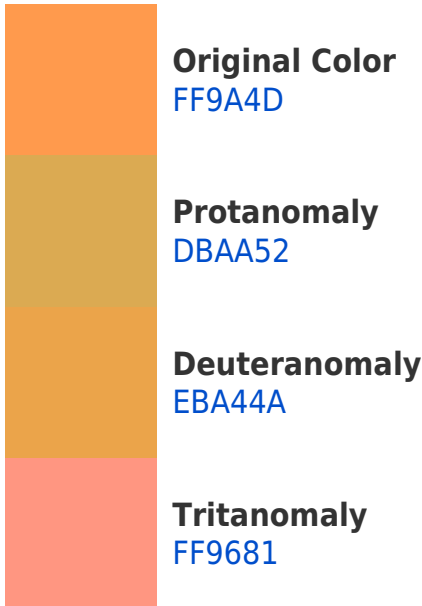
Protanopia
C6B355

Deuteranopia
DFAA49

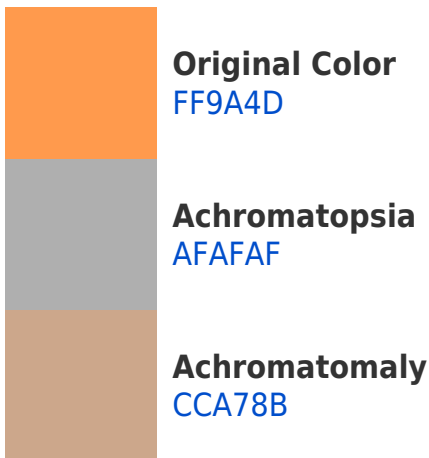


Tritanopia
FF949E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF9A4D 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 #FF9A4D looks like.

```
.text, #text, p{  
    color:#FF9A4D  
}
```

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 #FF9A4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9A4D
}
```

Border

The CSS property to change the border of an element to Hex FF9A4D 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
#FF9A4D }
```

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

```
.border{ border-color:#FF9A4D }
```

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

Here you see how a box with a 4 pixel #FF9A4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9A4D; -webkit-box-shadow:4px 4px  
4px 4px #FF9A4D; box-shadow:4px 4px 4px  
4px #FF9A4D }
```

Background

The CSS property to change the background color of an element to Hex FF9A4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9A4D }
```

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

```
.background{ background-color:#FF9A4D }
```

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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