

Converting Colors

Hex(FF9D3D)

Have a look what the booklet for
Hex(FF9D3D) contains.

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Color

Hex(FE9D3D)

Conversions

Conversions Part 1

Format	Color
Hex	FF9D3D
RGB	255, 157, 61
RGB Percent	100%, 62%, 24%
CMY	0.0000, 0.3843, 0.7608
CMYK	0.00, 0.38, 0.76, 0.00
HSL	30°, 100%, 62%
HSV	30°, 76%, 100%
XYZ	54.1393, 45.7109, 10.3845
YIQ	175.3580, 89.2240, -9.0800

Conversions

Conversions Part 2

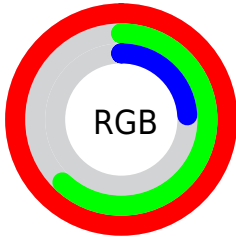
Format	Color
RYB	255, 251, 61
Decimal	16751933
CIELab	73.36, 29.31, 62.69
CIElCh	73, 69.201, 64.941
Yxy	45.7109, 0.4911, 0.4147
Android (android.graphics.Color)	4294942013 (0xFFFF9D3D)
YUV	175.3580, -56.3785, 69.8460
Hunter-Lab	67.6098, 24.6186, 38.2202

Details

The Hex color **FF9D3D** 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 **3D9FFF**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFD472**, and **C16900** is the 20% darker color. If you saturate the color by 10%, you get **FF9023**, and if you desaturate by 10%, it is **FFAA57**.

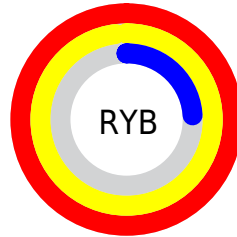
Distribution



Red (100%)

Green (62%)

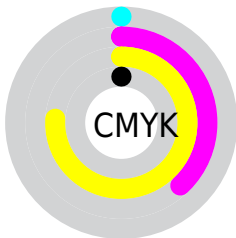
Blue (24%)



Red (100%)

Yellow (98%)

Blue (24%)

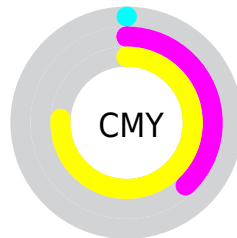


Cyan (0%)

Magenta (38%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9D3D 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 FF9D3D by changing the saturation by 10% instead.

 FF9D3D

 FF9D3D

FFFFFF

 E08321

 FFD472

 C16900

 FFF08D

 A25000

 FFFFA9

 843800

 FFFFC5

 662100

 FFFFE2

 4A0800

 300000

 020000

 000000

 FF9D3D

 FF9D3D

 FF9023

 FFAA57

 FF830A

 FFB770

 FF7E00

 FFC48A

 FFD1A3

 FFDDBD

 FFEAD6

 FFF7F0

FFFFFF

Harmonies

Analogous

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



FF846F



FF9D3D



CBB425

Triad

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



FF9D3D



00D2BD



C49FFF

Complementary

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



FF9D3D



3D9FFF

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.



26B8FF



FF9D3D



00D1FB

Square

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



FF9D3D



00CF7C



00C9FF



FF84EB

Rectangle

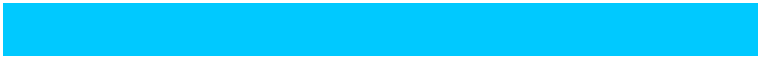
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF9D3D



A1C035



00C9FF



A1A8FF

Sweetspot

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



FF9D3D



FFE1C4



FF3DA1



806D5C



000000



808080

Same Dimension

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



FF9D3D



FF8A17



FFFC3D



807973



BF5F00



402000

Inverse Universe

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



3D9FFF



178CFF



3D40FF



737980



0061BF



002040

Previews

White Background



This preview shows how the Hex color FF9D3D looks on a white background.

Color Contrast Check

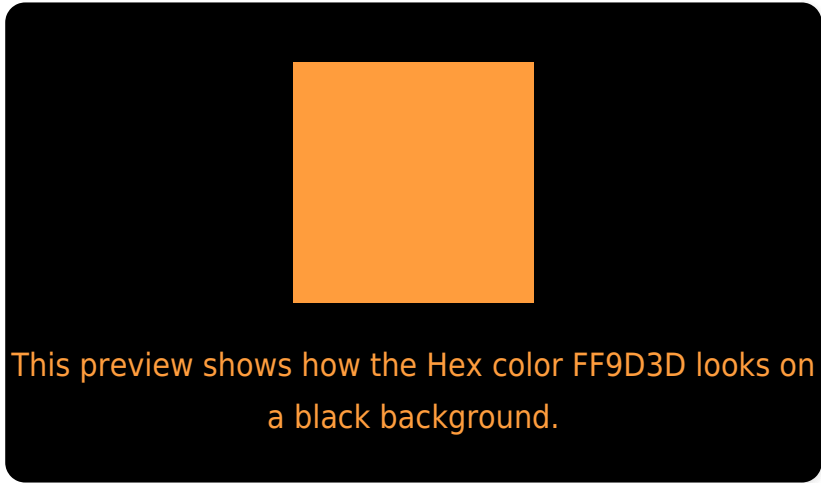
Large Text (above 18pt) WCAG AA × Fail

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 FF9D3D Background



This preview shows how black text looks on a background with the Hex color FF9D3D.

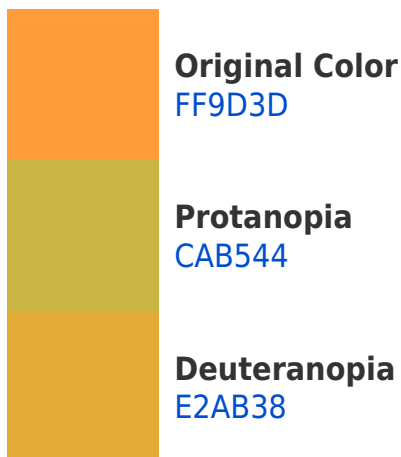


This preview shows how white text looks on a background with the Hex color FF9D3D.

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](#).

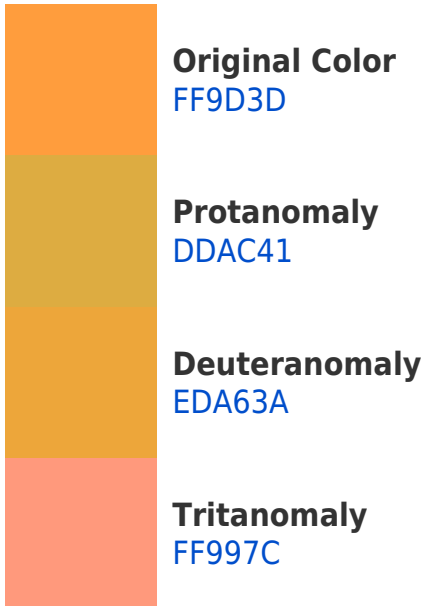
Dichromacy



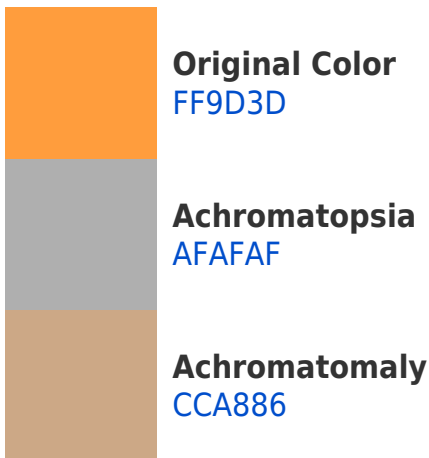


Tritanopia
FF96A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF9D3D 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 #FF9D3D looks like.

```
.text, #text, p{  
    color:#FF9D3D  
}
```

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 #FF9D3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9D3D
}
```

Border

The CSS property to change the border of an element to Hex FF9D3D 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
#FF9D3D }
```

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

```
.border{ border-color:#FF9D3D }
```

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

Here you see how a box with a 4 pixel #FF9D3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9D3D; -webkit-box-shadow:4px 4px  
4px 4px #FF9D3D; box-shadow:4px 4px 4px  
4px #FF9D3D }
```

Background

The CSS property to change the background color of an element to Hex FF9D3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9D3D }
```

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

```
.background{ background-color:#FF9D3D }
```

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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