

Converting Colors

Hex(FF9133)

Have a look what the booklet for
Hex(FF9133) contains.

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Color

Hex(F9133)

Conversions

Conversions Part 1

Format	Color
Hex	FF9133
RGB	255, 145, 51
RGB Percent	100%, 57%, 20%
CMY	0.0000, 0.4314, 0.8000
CMYK	0.00, 0.43, 0.80, 0.00
HSL	28°, 100%, 60%
HSV	28°, 80%, 100%
XYZ	51.9629, 41.7498, 8.4517
YIQ	167.1740, 95.7340, -5.9140

Conversions

Conversions Part 2

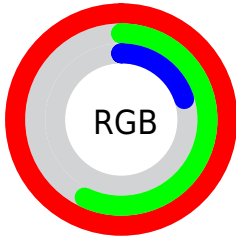
Format	Color
RYB	255, 225, 51
Decimal	16748851
CIELab	70.70, 35.14, 64.16
CIElCh	71, 73.158, 61.290
Yxy	41.7498, 0.5086, 0.4087
Android (android.graphics.Color)	4294938931 (0xFFFF9133)
YUV	167.1740, -57.2738, 77.0234
Hunter-Lab	64.6141, 30.4758, 37.4745

Details

The Hex color **FF9133** 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 **33A1FF**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFC869**, and **C05D00** is the 20% darker color. If you saturate the color by 10%, you get **FF8319**, and if you desaturate by 10%, it is **FF9F4D**.

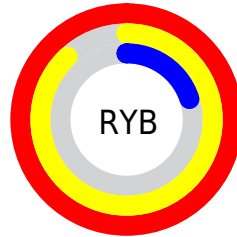
Distribution



Red (100%)

Green (57%)

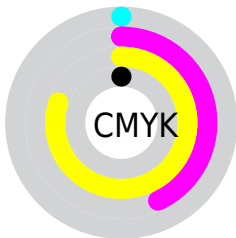
Blue (20%)



Red (100%)

Yellow (88%)

Blue (20%)

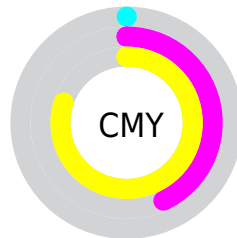


Cyan (0%)

Magenta (43%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9133 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 FF9133 by changing the saturation by 10% instead.

 FF9133

 FF9133

FFFFFF

 DF7714

 FFC869

 C05D00

 FFE483

 A14400

 FFFF9F

 832C00

 FFFFBB

 651200

 FFFFD7

 480000

 FFFFF4

 300001

 000000

 FF9133

 FF9133

 FF8319

 FF9F4D

 FF7500

 FFAD66

 FFBA80

 FFC899

 FFD6B3

 FFE3CC

 FFF1E6

FFFFFF

Harmonies

Analogous

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



FF756C



FF9133



CBAB02

Triad

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



FF9133



00CCAE



AF9AFF

Complementary

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



FF9133



33A1FF

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.



00B4FF



FF9133



00CBF1

Square

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



FF9133



00C769



00C4FF



FF7CEE

Rectangle

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



FF9133



A0B819



00C4FF



86A4FF

Sweetspot

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



FF9133



FFDEC2



FF33A3



806C5B



000000



808080

Same Dimension

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



FF9133



FF7B0A



FFF533



807973



BF5800



401D00

Inverse Universe

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



33A1FF



0A8EFF



333DFF



737A80



0067BF



002240

Previews

White Background



This preview shows how the Hex color FF9133 looks on a white background.

Color Contrast Check

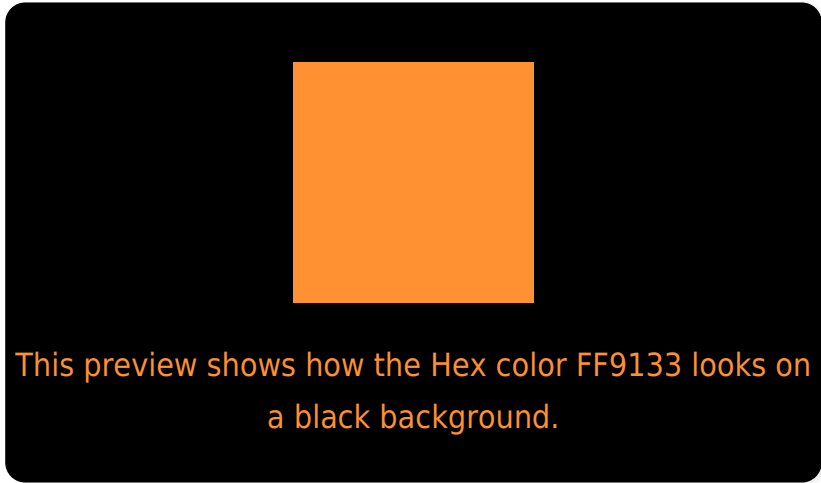
Large Text (above 18pt) WCAG AA × Fail

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 FF9133 Background



This preview shows how black text looks on a background with the Hex color FF9133.

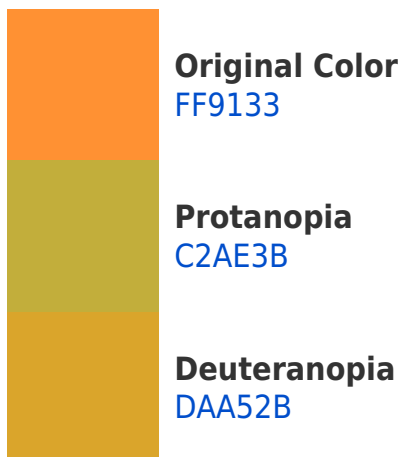


This preview shows how white text looks on a background with the Hex color FF9133.

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](#).

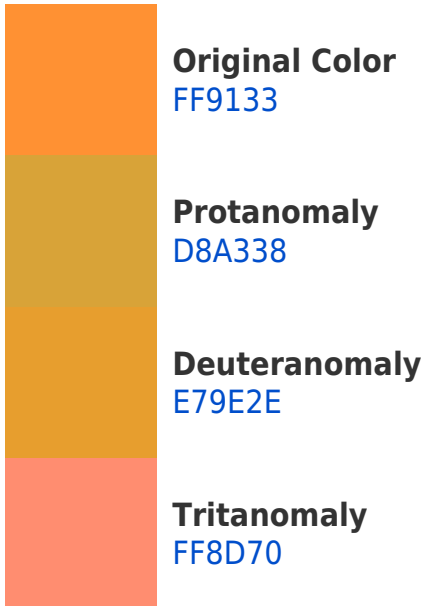
Dichromacy



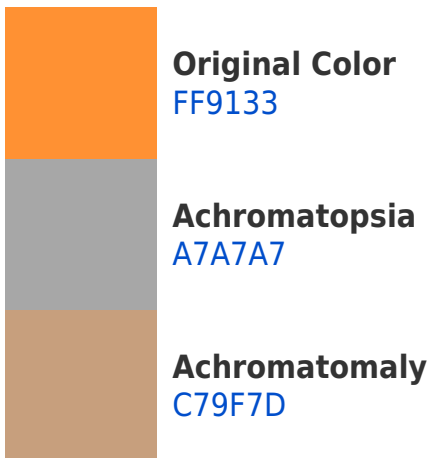


Tritanopia
FF8B93

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF9133 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 #FF9133 looks like.

```
.text, #text, p{  
    color:#FF9133  
}
```

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 #FF9133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9133
}
```

Border

The CSS property to change the border of an element to Hex FF9133 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
#FF9133 }
```

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

```
.border{ border-color:#FF9133 }
```

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

Here you see how a box with a 4 pixel #FF9133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9133; -webkit-box-shadow:4px 4px  
4px 4px #FF9133; box-shadow:4px 4px 4px  
4px #FF9133 }
```

Background

The CSS property to change the background color of an element to Hex FF9133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9133 }
```

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

```
.background{ background-color:#FF9133 }
```

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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