

Converting Colors

Hex(FF9C31)

Have a look what the booklet for
Hex(FF9C31) contains.

Hex(FF9C31)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F9C31)

Conversions

Conversions Part 1

Format	Color
Hex	FF9C31
RGB	255, 156, 49
RGB Percent	100%, 61%, 19%
CMY	0.0000, 0.3882, 0.8078
CMYK	0.00, 0.39, 0.81, 0.00
HSL	31°, 100%, 60%
HSV	31°, 81%, 100%
XYZ	53.6828, 45.2587, 8.8121
YIQ	173.4030, 93.3510, -12.2890

Conversions

Conversions Part 2

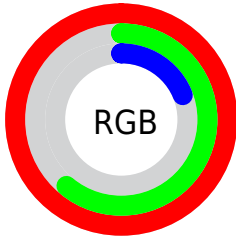
Format	Color
R_{YB}	240, 255, 49
Decimal	16751665
CIE _{Lab}	73.06, 29.42, 67.04
CIE _{LCh}	73, 73.214, 66.310
Yxy	45.2587, 0.4982, 0.4200
Android (android.graphics.Color)	4294941745 (0xFFFF9C31)
YUV	173.4030, -61.3307, 71.5606
Hunter-Lab	67.2746, 24.7065, 39.3259

Details

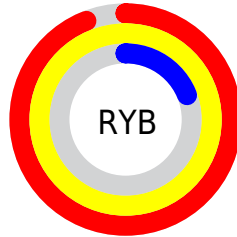
The Hex color **FF9C31** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **3194FF**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFD368**, and **C06800** is the 20% darker color. If you saturate the color by 10%, you get **FF9018**, and if you desaturate by 10%, it is **FFA84B**.

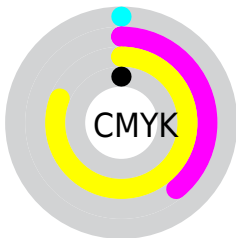
Distribution



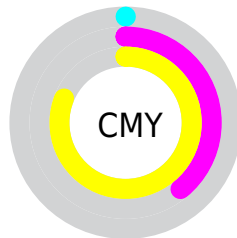
- Red (100%)
- Green (61%)
- Blue (19%)



- Red (94%)
- Yellow (100%)
- Blue (19%)



- Cyan (0%)
- Magenta (39%)
- Yellow (81%)
- Black (0%)



- Cyan (0%)
- Magenta (39%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9C31 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 FF9C31 by changing the saturation by 10% instead.

 FF9C31

 FF9C31

FFFFFF

 DF820F

 FFD368

 C06800

 FFEF83

 A24F00

 FFFF9F

 833800

 FFFFBB

 662000

 FFFFD7

 490700

 FFFFF4

 300000

 000000

 FF9C31

 FF9C31

 FF9018

 FFA84B

 FF8400

 FFB564

 FFC17E

 FFCD97

 FFD9B1

 FFE6CA

 FFF2E4

 FFFEFD

 FFFFFFFF

Harmonies

Analogous

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



FF8067



FF9C31



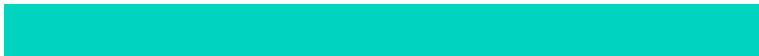
C8B512

Triad

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



FF9C31



00D3C0



C79BFF

Complementary

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



FF9C31



3194FF

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.



04B7FF



FF9C31



00D1FF

Square

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



FF9C31



00CF7B



00C9FF



FF7EEB

Rectangle

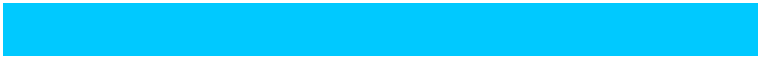
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF9C31



9BC12B



00C9FF



A3A5FF

Sweetspot

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



FF9C31



FFE2C2



FF3195



806E5B



000000



808080

Same Dimension

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



FF9C31



FF8808



FCFF31



807973



BF6300



402100

Inverse Universe

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



3194FF



087FFF



3431FF



737980



005CBF



001F40

Previews

White Background



This preview shows how the Hex color FF9C31 looks on a white background.

Color Contrast Check

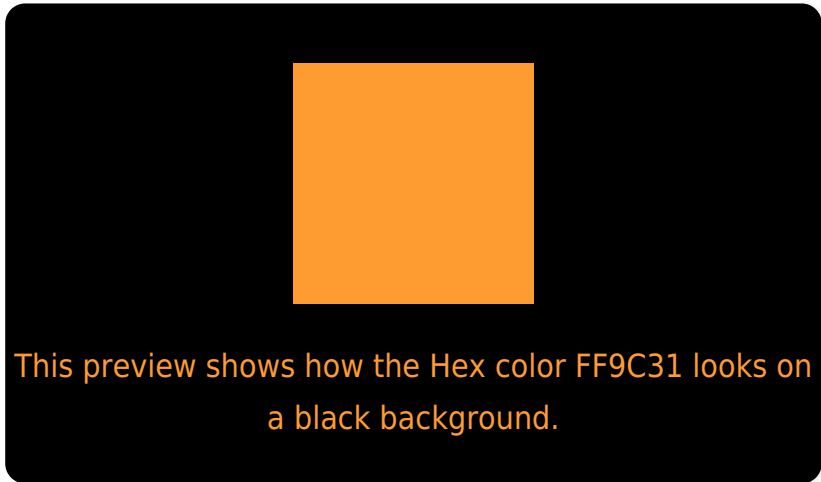
Large Text (above 18pt) WCAG AA × Fail

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 FF9C31 Background



This preview shows how black text looks on a background with the Hex color FF9C31.



This preview shows how white text looks on a background with the Hex color FF9C31.

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
FF9C31

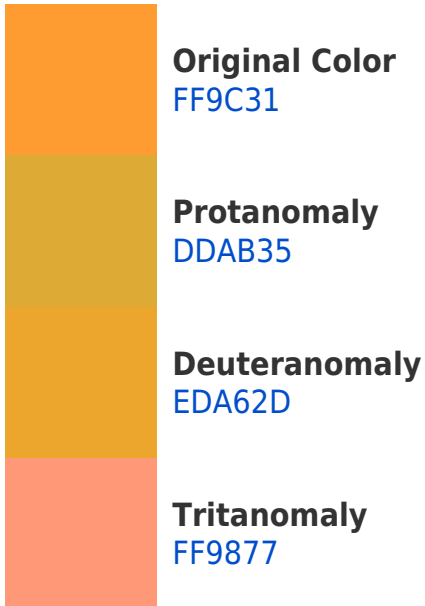
Protanopia
C9B437

Deuteranopia
E2AB2B

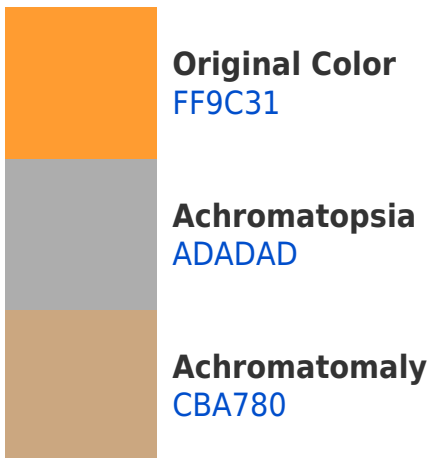


Tritanopia
FF959F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF9C31 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 #FF9C31 looks like.

```
.text, #text, p{  
    color:#FF9C31  
}
```

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 #FF9C31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9C31
}
```

Border

The CSS property to change the border of an element to Hex FF9C31 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
#FF9C31 }
```

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

```
.border{ border-color:#FF9C31 }
```

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

Here you see how a box with a 4 pixel #FF9C31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9C31; -webkit-box-shadow:4px 4px  
4px 4px #FF9C31; box-shadow:4px 4px 4px  
4px #FF9C31 }
```

Background

The CSS property to change the background color of an element to Hex FF9C31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9C31 }
```

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

```
.background{ background-color:#FF9C31 }
```

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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