

Converting Colors

Hex(FF9C19)

Have a look what the booklet for
Hex(FF9C19) contains.

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Color

Hex(F99C19)

Conversions

Conversions Part 1

Format	Color
Hex	FF9C19
RGB	255, 156, 25
RGB Percent	100%, 61%, 10%
CMY	0.0000, 0.3882, 0.9020
CMYK	0.00, 0.39, 0.90, 0.00
HSL	34°, 100%, 55%
HSV	34°, 90%, 100%
XYZ	53.3039, 45.1071, 6.8168
YIQ	170.6670, 101.0550, -19.7530

Conversions

Conversions Part 2

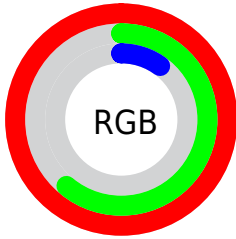
Format	Color
R _Y B	199, 255, 25
Decimal	16751641
CIE Lab	72.96, 28.87, 73.97
CIE LCh	73, 79.403, 68.679
Yxy	45.1071, 0.5066, 0.4287
Android (android.graphics.Color)	4294941721 (0xFFFF9C19)
YUV	170.6670, -71.8138, 73.9600
Hunter-Lab	67.1618, 24.1358, 40.9954

Details

The Hex color **FF9C19** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **197CFF**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFD357**, and **C06800** is the 20% darker color. If you saturate the color by 10%, you get **FF9100**, and if you desaturate by 10%, it is **FFA732**.

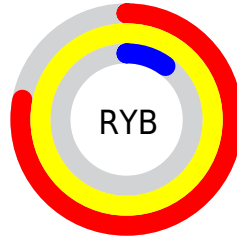
Distribution



Red (100%)

Green (61%)

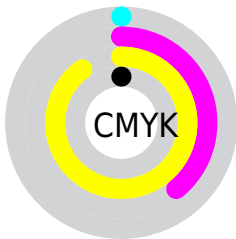
Blue (10%)



Red (78%)

Yellow (100%)

Blue (10%)

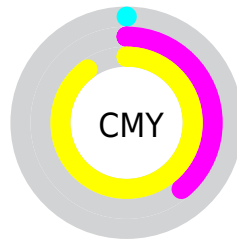


Cyan (0%)

Magenta (39%)

Yellow (90%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9C19 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 FF9C19 by changing the saturation by 10% instead.

 FF9C19

 FF9C19

FFFFFF

 DF8200

 FFD357

 C06800

 FFEF73

 A15000

 FFFF8F

 823800

 FFFFAB

 652100

 FFFFC8

 480800

 FFFF E5

 2F0000

 000000

 FF9C19

 FF9C19

 FF9100

 FFA732

 FFB24C

 FFBD65

 FFC87F

 FFD398

 FFDEB2

 FFE9CB

 FFF4E5

FFFFFFE

Harmonies

Analogous

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



FF7C5C



FF9C19



C2B700

Triad

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



FF9C19



00D5C7



D096FF

Complementary

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



FF9C19



197CFF

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.



00B5FF



FF9C19



00D3FF

Square

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



FF9C19



00D17B



00C9FF



FF74EA

Rectangle

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



FF9C19



91C319



00C9FF



AAA1FF

Sweetspot

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



FF9C19



FFE1BA



FF197D



806E57



000000



808080

Same Dimension

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



FF9C19



FF9100



F0FF19



807A73



BF6D00



402400

Inverse Universe

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



197CFF



006EFF



2819FF



737880



0052BF



001B40

Previews

White Background



This preview shows how the Hex color FF9C19 looks on a white background.

Color Contrast Check

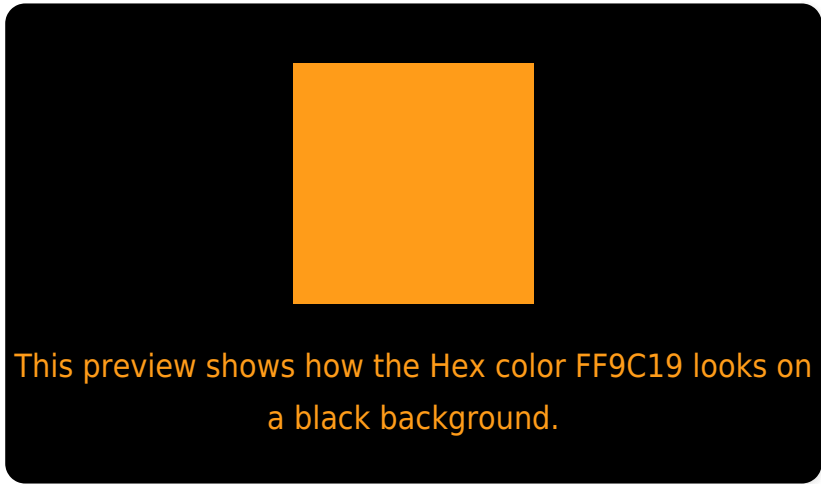
Large Text (above 18pt) WCAG AA × Fail

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 FF9C19 Background



This preview shows how black text looks on a background with the Hex color FF9C19.



This preview shows how white text looks on a background with the Hex color FF9C19.

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
FF9C19

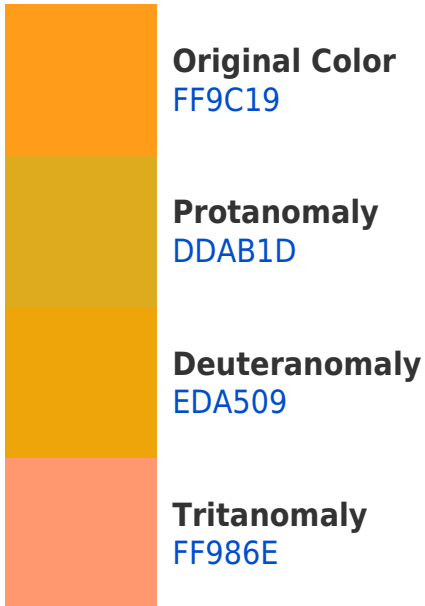
Protanopia
CAB420

Deuteranopia
E3AA00

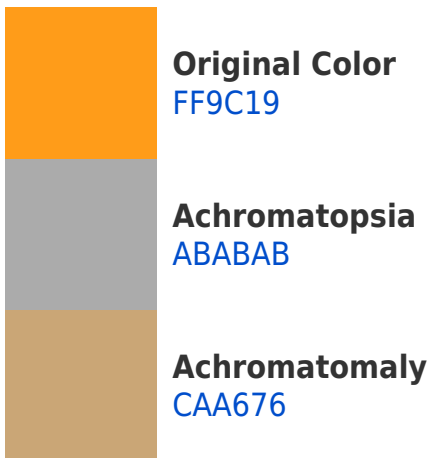


Tritanopia
FF959E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF9C19 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 #FF9C19 looks like.

```
.text, #text, p{  
    color:#FF9C19  
}
```

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 #FF9C19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9C19
}
```

Border

The CSS property to change the border of an element to Hex FF9C19 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
#FF9C19 }
```

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

```
.border{ border-color:#FF9C19 }
```

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

Here you see how a box with a 4 pixel #FF9C19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9C19; -webkit-box-shadow:4px 4px  
4px 4px #FF9C19; box-shadow:4px 4px 4px  
4px #FF9C19 }
```

Background

The CSS property to change the background color of an element to Hex FF9C19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9C19 }
```

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

```
.background{ background-color:#FF9C19 }
```

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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