

Converting Colors

Hex(9F4918)

Have a look what the booklet for
Hex(9F4918) contains.

Hex(9F4918)	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(9F4918)

Conversions

Conversions Part 1

Format	Color
Hex	9F4918
RGB	159, 73, 24
RGB Percent	62%, 29%, 9%
CMY	0.3765, 0.7137, 0.9059
CMYK	0.00, 0.54, 0.85, 0.38
HSL	22°, 74%, 36%
HSV	22°, 85%, 62%
XYZ	16.8455, 12.2020, 2.3315
YIQ	93.1280, 66.9850, 2.9930

Conversions

Conversions Part 2

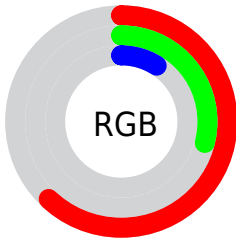
Format	Color
R _Y B	159, 101, 24
Decimal	10438936
CIE Lab	41.54, 32.86, 43.66
CIE LCh	42, 54.645, 53.034
Yxy	12.2020, 0.5368, 0.3889
Android (android.graphics.Color)	4288629016 (0xFF9F4918)
YUV	93.1280, -34.0801, 57.7697
Hunter-Lab	34.9313, 24.9511, 20.4946

Details

The Hex color **9F4918** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **186E9F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **DB7C48**, and **651800** is the 20% darker color. If you saturate the color by 10%, you get **9F3F08**, and if you desaturate by 10%, it is **9F5328**.

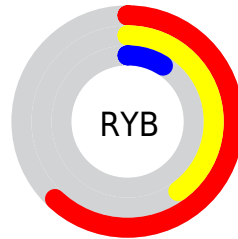
Distribution



Red (62%)

Green (29%)

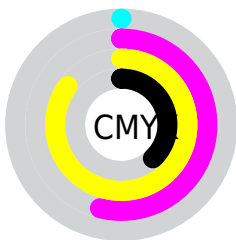
Blue (9%)



Red (62%)

Yellow (40%)

Blue (9%)

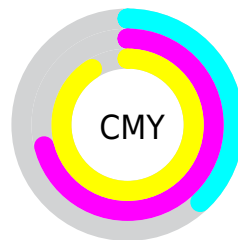


Cyan (0%)

Magenta (54%)

Yellow (85%)

Black (38%)



Cyan (38%)

Magenta (71%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F4918 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 9F4918 by changing the saturation by 10% instead.



9F4918



9F4918

FFFFFF



823100



DB7C48



651800



FA9661



480000



FFB17A



2F0001



FFCD95



000000



FFE9B0



FFFFCB



FFFFE8



9F4918



9F4918

■ 9F3F08

■ 9F5328

■ 9F3A00

■ 9F5D38

■ 9F6748

■ 9F7258

■ 9F7C68

■ 9F8677

■ 9F9087

■ 9F9A97

■ 9FA4A7

Harmonies

Analogous

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



B03542



9F4918



7F5C00

Triad

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



9F4918



007656



495BB5

Complementary

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



9F4918



186E9F

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.



006BBC



9F4918



007684

Square

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



9F4918



097227



0073A9



8D4599

Rectangle

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



9F4918



646600



0073A9



1461BA

Sweetspot

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



9F4918



CFAE9B



9F1870



695549



E8E8E8



696969

Same Dimension

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



9F4918



CF4B00



9F8B18



4F4A47



8F3400



0F0600

Inverse Universe

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



186E9F



0084CF



182C9F



474C4F



005B8F



000A0F

Previews

White Background



This preview shows how the Hex color 9F4918 looks on a white background.

Color Contrast Check

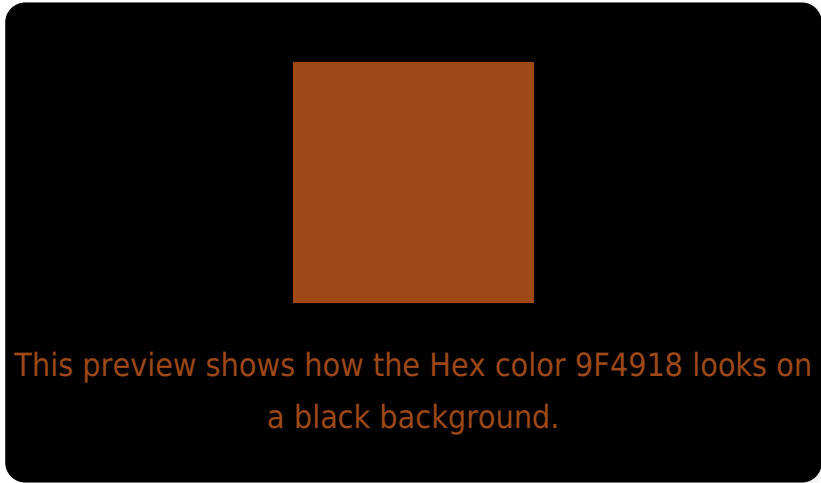
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9F4918 Background



This preview shows how black text looks on a background with the Hex color 9F4918.



This preview shows how white text looks on a background with the Hex color 9F4918.

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
9F4918

Protanopia
6F631F

Deuteranopia
7D5E0D

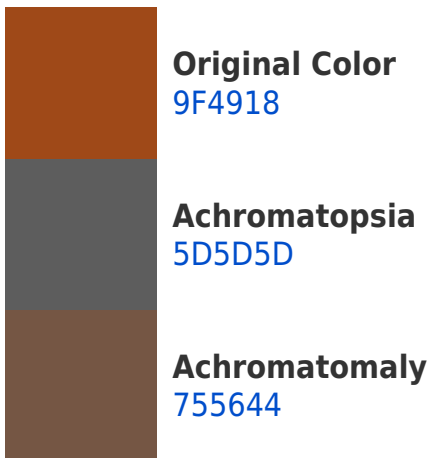


Tritanopia
A14449

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9F4918 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 #9F4918 looks like.

```
.text, #text, p{  
    color:#9F4918  
}
```

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 #9F4918 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F4918
}
```

Border

The CSS property to change the border of an element to Hex 9F4918 is called "border". The border property can be set on classes, ids or directly on the HTML element.

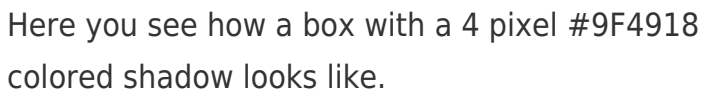
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F4918 }
```

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

```
.border{ border-color:#9F4918 }
```

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



Here you see how a box with a 4 pixel #9F4918 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F4918; -webkit-box-shadow:4px 4px  
4px 4px #9F4918; box-shadow:4px 4px 4px  
4px #9F4918 }
```

Background

The CSS property to change the background color of an element to Hex 9F4918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F4918 }
```

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

```
.background{ background-color:#9F4918 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor