

Converting Colors

Hex(9F781F)

Have a look what the booklet for
Hex(9F781F) contains.

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Color

Hex(9F781F)

Conversions

Conversions Part 1

Format	Color
Hex	9F781F
RGB	159, 120, 31
RGB Percent	62%, 47%, 12%
CMY	0.3765, 0.5294, 0.8784
CMYK	0.00, 0.25, 0.81, 0.38
HSL	42°, 67%, 37%
HSV	42°, 81%, 62%
XYZ	21.2619, 20.9028, 4.2103
YIQ	121.5150, 51.8130, -19.4110

Conversions

Conversions Part 2

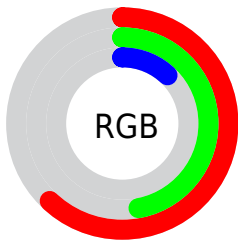
Format	Color
R_{YB}	87, 159, 31
Decimal	10450975
CIE _{Lab}	52.84, 6.79, 51.06
CIE _{LCh}	53, 51.512, 82.430
Yxy	20.9028, 0.4585, 0.4507
Android (android.graphics.Color)	4288641055 (0xFF9F781F)
YUV	121.5150, -44.6239, 32.8743
Hunter-Lab	45.7196, 3.0021, 26.5437

Details

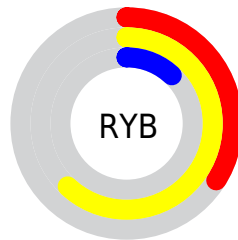
The Hex color **9F781F** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1F469F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **D9AC53**, and **674800** is the 20% darker color. If you saturate the color by 10%, you get **9F730F**, and if you desaturate by 10%, it is **9F7D2F**.

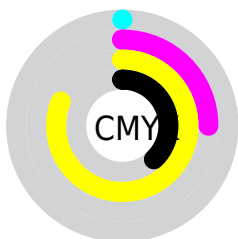
Distribution



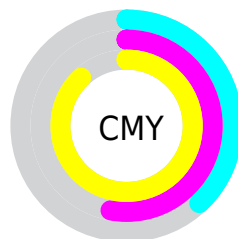
- Red (62%)
- Green (47%)
- Blue (12%)



- Red (34%)
- Yellow (62%)
- Blue (12%)



- Cyan (0%)
- Magenta (25%)
- Yellow (81%)
- Black (38%)



- Cyan (38%)
- Magenta (53%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F781F 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 9F781F by changing the saturation by 10% instead.



9F781F



9F781F

FFFFFF



835F00



D9AC53



674800



F7C76D



4C3200



FFE387



321D00



FFFFA2



1A0500



FFFFBE



000000



FFFFDB



FFFFF7



9F781F



9F781F

■ 9F730F

■ 9F7D2F

■ 9F6F00

■ 9F823F

■ 9F874F

■ 9F8B5F

■ 9F906E

■ 9F957E

■ 9F9A8E

■ 9F9F9E

■ 9FA4AE

Harmonies

Analogous

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



BE6739



9F781F



758624

Triad

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



9F781F



00939F



A964B5

Complementary

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



9F781F



1F469F

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.



6B77D0



9F781F



0090C4

Square

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



9F781F



009371



0086D6



C9568B

Rectangle

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



9F781F



538C39



0086D6



986AC0

Sweetspot

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



9F781F



CFBF9D



9F1F48



695F4A



E8E8E8



696969

Same Dimension

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



9F781F



CF9206



889F1F



4F4D47



8F6300



0F0B00

Inverse Universe

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



1F469F



0643CF



361F9F



474A4F



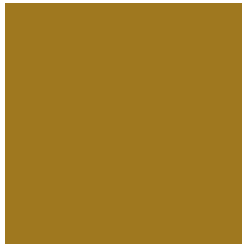
002C8F



00050F

Previews

White Background



This preview shows how the Hex color 9F781F looks on a white 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

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 × Fail

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

Hex 9F781F Background



This preview shows how black text looks on a background with the Hex color 9F781F.



This preview shows how white text looks on a background with the Hex color 9F781F.

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
9F781F

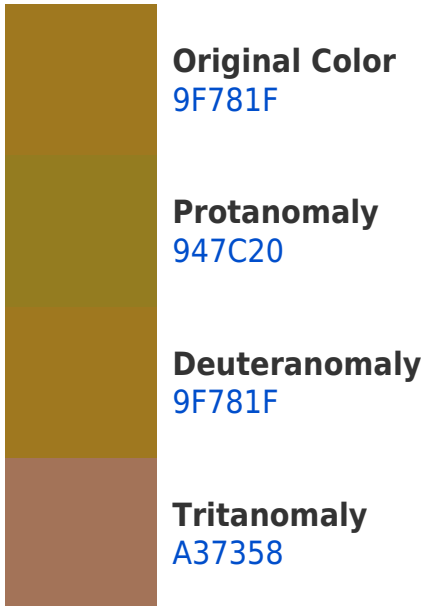
Protanopia
8E7F21

Deuteranopia
9F781F

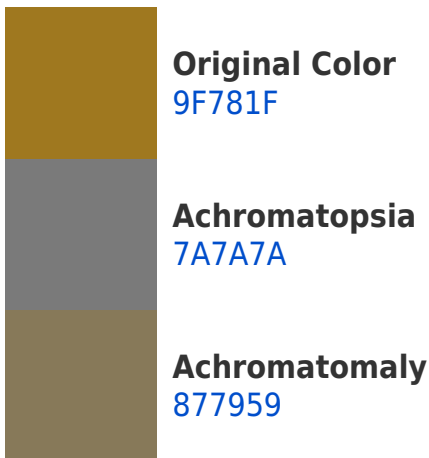


Tritanopia
A57078

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9F781F 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 #9F781F looks like.

```
.text, #text, p{  
    color:#9F781F  
}
```

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 #9F781F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F781F
}
```

Border

The CSS property to change the border of an element to Hex 9F781F 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
#9F781F }
```

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

```
.border{ border-color:#9F781F }
```

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

Here you see how a box with a 4 pixel #9F781F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F781F; -webkit-box-shadow:4px 4px  
4px 4px #9F781F; box-shadow:4px 4px 4px  
4px #9F781F }
```

Background

The CSS property to change the background color of an element to Hex 9F781F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F781F }
```

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

```
.background{ background-color:#9F781F }
```

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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