

Converting Colors

Hex(9E501F)

Have a look what the booklet for
Hex(9E501F) contains.

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Color

Hex(9E501F)

Conversions

Conversions Part 1

Format	Color
Hex	9E501F
RGB	158, 80, 31
RGB Percent	62%, 31%, 12%
CMY	0.3804, 0.6863, 0.8784
CMYK	0.00, 0.49, 0.80, 0.38
HSL	23°, 67%, 37%
HSV	23°, 80%, 62%
XYZ	17.2165, 13.1054, 2.9185
YIQ	97.7360, 62.2170, 1.2970

Conversions

Conversions Part 2

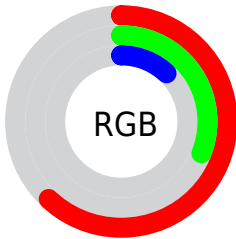
Format	Color
RYB	158, 111, 31
Decimal	10375199
CIELab	42.92, 28.93, 41.73
CIELCh	43, 50.782, 55.269
Yxy	13.1054, 0.5179, 0.3943
Android (android.graphics.Color)	4288565279 (0xFF9E501F)
YUV	97.7360, -32.9008, 52.8515
Hunter-Lab	36.2013, 21.5383, 20.5610

Details

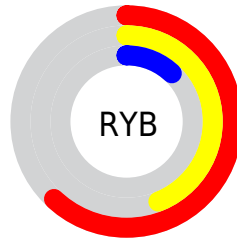
The Hex color **9E501F** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1F6D9E**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **DA824F**, and **652000** is the 20% darker color. If you saturate the color by 10%, you get **9E460F**, and if you desaturate by 10%, it is **9E5A2F**.

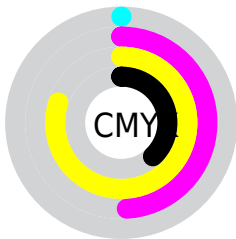
Distribution



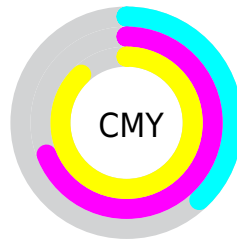
- Red (62%)
- Green (31%)
- Blue (12%)



- Red (62%)
- Yellow (44%)
- Blue (12%)



- Cyan (0%)
- Magenta (49%)
- Yellow (80%)
- Black (38%)



- Cyan (38%)
- Magenta (69%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9E501F 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 9E501F by changing the saturation by 10% instead.

 9E501F

 9E501F

FFFFFF

 813806

 DA824F

 652000

 F89D68

 480800

 FFB881

 2F0000

 FFD49C

 000000

 FFF1B7

 FFFFD3

 FFFFF0

 9E501F

 9E501F

■ 9E460F

■ 9E5A2F

■ 9E3D00

■ 9E633F

■ 9E6D4E

■ 9E775E

■ 9E816E

■ 9E8A7E

■ 9E948E

■ 9E9E9D

■ 9EA7AD

Harmonies

Analogous

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



AF3F44



9E501F



7F6100

Triad

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



9E501F



00785D



585DB2

Complementary

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



9E501F



1F6D9E

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.



006CB9



9E501F



007988

Square

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



9E501F



167532



0075AA



914A96

Rectangle

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



9E501F



666A00



0075AA



3763B7

Sweetspot

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



9E501F



CFB09D



9E1F6D



69564A



E8E8E8



696969

Same Dimension

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



9E501F



CF5508



9E8F1F



4F4A47



8F3700



0F0600

Inverse Universe

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



1F6D9E



0882CF



1F2E9E



474C4F



00588F



00090F

Previews

White Background



This preview shows how the Hex color 9E501F looks on a white background.

Color Contrast Check

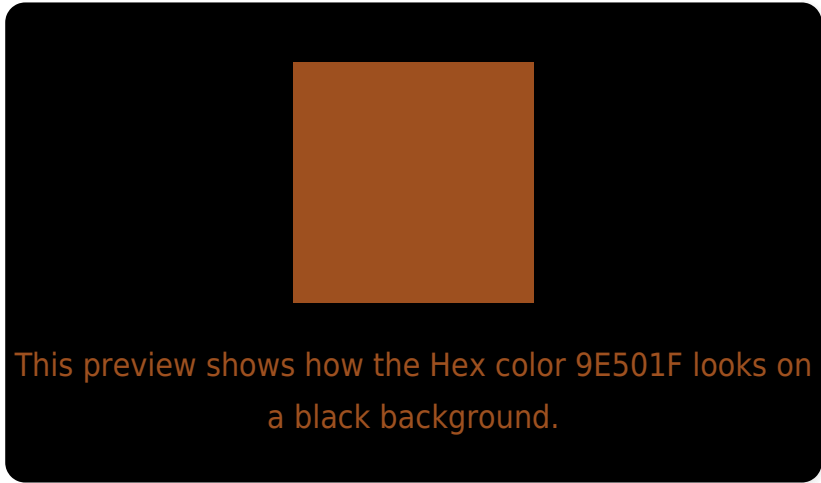
Large Text (above 18pt) WCAG AA ✓ Pass

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

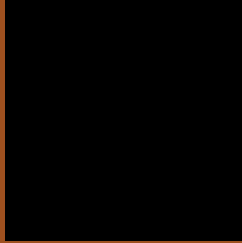
Any Text WCAG AA × Fail

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 9E501F Background



This preview shows how black text looks on a background with the Hex color 9E501F.



This preview shows how white text looks on a background with the Hex color 9E501F.

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
9E501F

Protanopia
726625

Deuteranopia
806119



Tritanopia
A04B50

Trichromacy



Original Color
9E501F

Protanomaly
825E23

Deuteranomaly
8B5B1B

Tritanomaly
9F4D3E

Monochromacy



Original Color
9E501F

Achromatopsia
626262

Achromatomaly
785B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E501F 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 #9E501F looks like.

```
.text, #text, p{  
    color:#9E501F  
}
```

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 #9E501F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E501F
}
```

Border

The CSS property to change the border of an element to Hex 9E501F is called "border". The border property can be set on classes, ids or directly on the HTML element.

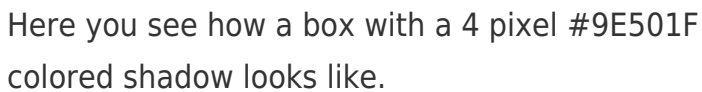
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E501F }
```

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

```
.border{ border-color:#9E501F }
```

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



Here you see how a box with a 4 pixel #9E501F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E501F; -webkit-box-shadow:4px 4px  
4px 4px #9E501F; box-shadow:4px 4px 4px  
4px #9E501F }
```

Background

The CSS property to change the background color of an element to Hex 9E501F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E501F }
```

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

```
.background{ background-color:#9E501F }
```

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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