

Converting Colors

Hex(9E701C)

Have a look what the booklet for
Hex(9E701C) contains.

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Color

Hex(9E701C)

Conversions

Conversions Part 1

Format	Color
Hex	9E701C
RGB	158, 112, 28
RGB Percent	62%, 44%, 11%
CMY	0.3804, 0.5608, 0.8902
CMYK	0.00, 0.29, 0.82, 0.38
HSL	39°, 70%, 36%
HSV	39°, 82%, 62%
XYZ	20.1043, 18.9413, 3.6950
YIQ	116.1780, 54.3800, -16.3720

Conversions

Conversions Part 2

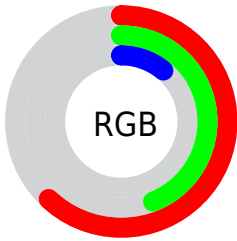
Format	Color
R_{YB}	99, 158, 28
Decimal	10383388
CIE _{Lab}	50.62, 10.76, 50.11
CIE _{LCh}	51, 51.251, 77.877
Yxy	18.9413, 0.4704, 0.4432
Android (android.graphics.Color)	4288573468 (0xFF9E701C)
YUV	116.1780, -43.4718, 36.6779
Hunter-Lab	43.5216, 6.2934, 25.4313

Details

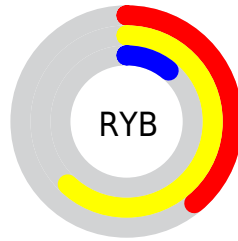
The Hex color **9E701C** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1C4A9E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **D8A450**, and **664000** is the 20% darker color. If you saturate the color by 10%, you get **9E6A0C**, and if you desaturate by 10%, it is **9E762C**.

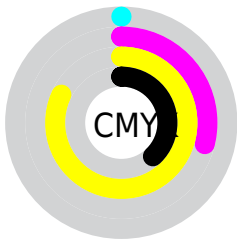
Distribution



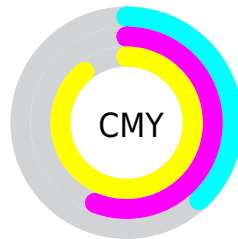
- Red (62%)
- Green (44%)
- Blue (11%)



- Red (39%)
- Yellow (62%)
- Blue (11%)



- Cyan (0%)
- Magenta (29%)
- Yellow (82%)
- Black (38%)



- Cyan (38%)
- Magenta (56%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E701C 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 9E701C by changing the saturation by 10% instead.

 9E701C

 9E701C

FFFFFF

 825800

 D8A450

 664000

 F7BF69

 4B2B00

 FFDA84

 301600

 FFF79F

 190000

 FFFFBA

 000000

 FFFFDD

 FFFFF3

 9E701C

 9E701C

■ 9E6A0C

■ 9E762C

■ 9E6600

■ 9E7B3C

■ 9E814B

■ 9E865B

■ 9E8C6B

■ 9E927B

■ 9E978B

■ 9E9D9A

■ 9EA2AA

Harmonies

Analogous

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



BB5E39



9E701C



767E1C

Triad

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



9E701C



008D92



9C61B4

Complementary

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



9E701C



1C4A9E

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.



5774CC



9E701C



008BB8

Square

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



9E701C



008C65



0083CE



BF528C

Rectangle

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



9E701C



56852E



0083CE



8968BE

Sweetspot

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



9E701C



CFBC9B



9E1C4C



695D49



E8E8E8



696969

Same Dimension

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



9E701C



CF8602



8D9E1C



4F4C47



8F5C00



0F0A00

Inverse Universe

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



1C4A9E



024ACF



2D1C9E



474A4F



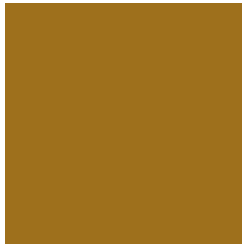
00338F



00050F

Previews

White Background



This preview shows how the Hex color 9E701C looks on a white background.

Color Contrast Check

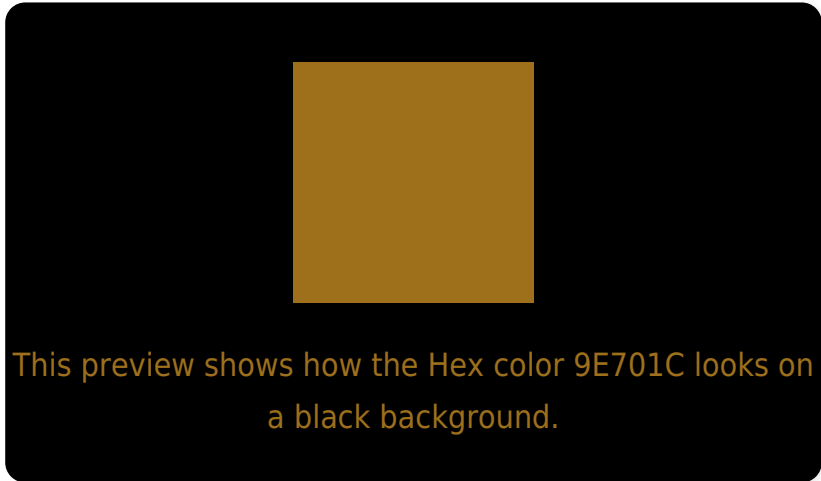
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E701C Background



This preview shows how black text looks on a background with the Hex color 9E701C.



This preview shows how white text looks on a background with the Hex color 9E701C.

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
9E701C

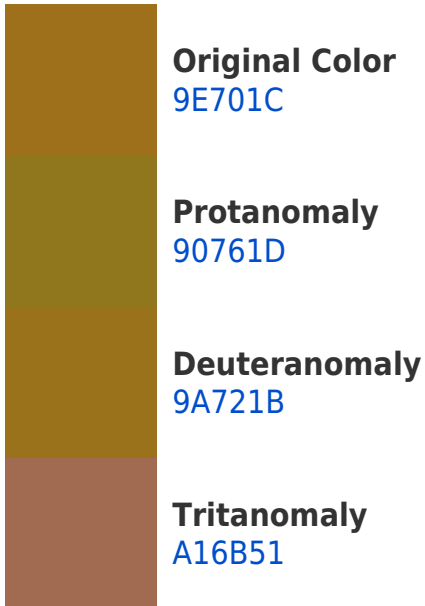
Protanopia
88791E

Deuteranopia
98731B

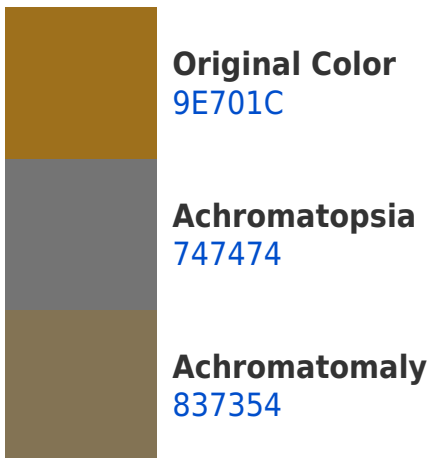


Tritanopia
A36870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E701C 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 #9E701C looks like.

```
.text, #text, p{  
    color:#9E701C  
}
```

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 #9E701C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E701C
}
```

Border

The CSS property to change the border of an element to Hex 9E701C 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
#9E701C }
```

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

```
.border{ border-color:#9E701C }
```

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

Here you see how a box with a 4 pixel #9E701C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E701C; -webkit-box-shadow:4px 4px  
4px 4px #9E701C; box-shadow:4px 4px 4px  
4px #9E701C }
```

Background

The CSS property to change the background color of an element to Hex 9E701C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E701C }
```

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

```
.background{ background-color:#9E701C }
```

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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