

Converting Colors

Hex(9E670E)

Have a look what the booklet for
Hex(9E670E) contains.

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Color

Hex(9E670E)

Conversions

Conversions Part 1

Format	Color
Hex	9E670E
RGB	158, 103, 14
RGB Percent	62%, 40%, 5%
CMY	0.3804, 0.5961, 0.9451
CMYK	0.00, 0.35, 0.91, 0.38
HSL	37°, 84%, 34%
HSV	37°, 91%, 62%
XYZ	19.0301, 17.0013, 2.6941
YIQ	109.2990, 61.3490, -16.0190

Conversions

Conversions Part 2

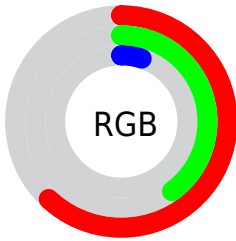
Format	Color
RYB	103, 158, 14
Decimal	10381070
CIELab	48.26, 15.52, 52.52
CIElCh	48, 54.762, 73.539
Yxy	17.0013, 0.4914, 0.4390
Android (android.graphics.Color)	4288571150 (0xFF9E670E)
YUV	109.2990, -46.9824, 42.7108
Hunter-Lab	41.2326, 10.2258, 24.9890

Details

The Hex color **9E670E** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0E459E**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **D99A45**, and **653800** is the 20% darker color. If you saturate the color by 10%, you get **9E6200**, and if you desaturate by 10%, it is **9E6D1E**.

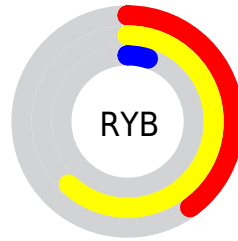
Distribution



Red (62%)

Green (40%)

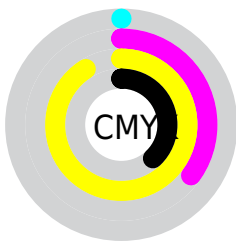
Blue (5%)



Red (40%)

Yellow (62%)

Blue (5%)

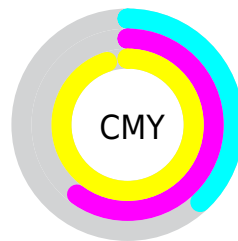


Cyan (0%)

Magenta (35%)

Yellow (91%)

Black (38%)



Cyan (38%)

Magenta (60%)

Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9E670E 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 9E670E by changing the saturation by 10% instead.

 9E670E

 9E670E

FFFFFF

 814F00

 D99A45

 653800

 F7B55F

 492200

 FFD079

 2F0E00

 FFED94

 130000

 FFFFAF

 000000

 FFFFCB

 FFFF8

 9E670E

 9E670E

■ 9E6200

■ 9E6D1E

■ 9E732E

■ 9E793D

■ 9E7F4D

■ 9E855D

■ 9E8B6D

■ 9E917D

■ 9E978C

■ 9E9D9C

Harmonies

Analogous

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



BB5334



9E670E



767702

Triad

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



9E670E



008887



8F5DB6

Complementary

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



9E670E



0E459E

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.



3871CD



9E670E



0086B1

Square

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



9E670E



008757



007FCB



B9498E

Rectangle

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



9E670E



557E1C



007FCB



7A64C0

Sweetspot

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



9E670E



CFB997



9E0E45



695C47



E8E8E8



696969

Same Dimension

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



9E670E



CF8000



8D9E0E



4F4C47



8F5800



0F0900

Inverse Universe

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



0E459E



004FCF



1F0E9E



474A4F



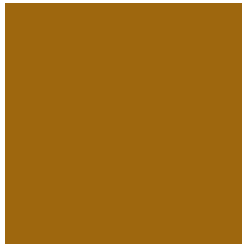
00378F



00060F

Previews

White Background



This preview shows how the Hex color 9E670E 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 9E670E Background



This preview shows how black text looks on a background with the Hex color 9E670E.



This preview shows how white text looks on a background with the Hex color 9E670E.

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
9E670E

Protanopia
827312

Deuteranopia
926D03

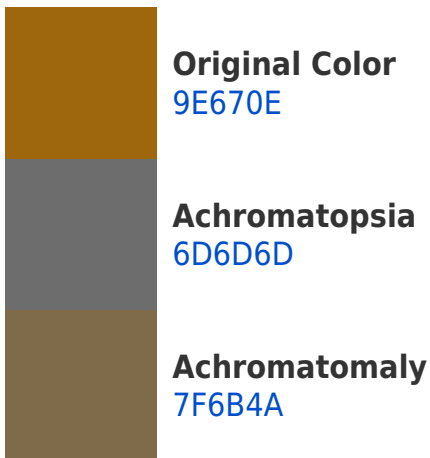


Tritanopia
A26067

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E670E 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 #9E670E looks like.

```
.text, #text, p{  
    color:#9E670E  
}
```

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 #9E670E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E670E
}
```

Border

The CSS property to change the border of an element to Hex 9E670E is called "border". The border property can be set on classes, ids or directly on the HTML element.

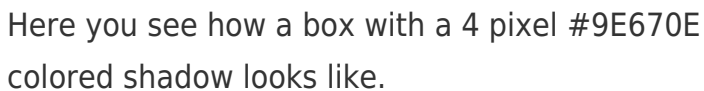
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E670E }
```

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

```
.border{ border-color:#9E670E }
```

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

A rectangular box with a 4px #9E670E colored shadow. The box is white with a thin black border and a thick #9E670E shadow on the right and bottom sides.

Here you see how a box with a 4 pixel #9E670E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E670E; -webkit-box-shadow:4px 4px  
4px 4px #9E670E; box-shadow:4px 4px 4px  
4px #9E670E }
```

Background

The CSS property to change the background color of an element to Hex 9E670E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E670E }
```

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

```
.background{ background-color:#9E670E }
```

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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