

Converting Colors

Hex(9E5E14)

Have a look what the booklet for
Hex(9E5E14) contains.

Hex(9E5E14)	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(9E5E14)

Conversions

Conversions Part 1

Format	Color
Hex	9E5E14
RGB	158, 94, 20
RGB Percent	62%, 37%, 8%
CMY	0.3804, 0.6314, 0.9216
CMYK	0.00, 0.41, 0.87, 0.38
HSL	32°, 78%, 35%
HSV	32°, 87%, 62%
XYZ	18.2295, 15.3250, 2.6590
YIQ	104.7000, 61.8980, -9.4460

Conversions

Conversions Part 2

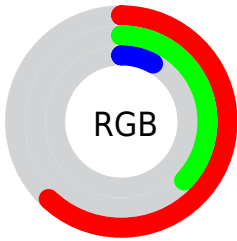
Format	Color
RYB	139, 158, 20
Decimal	10378772
CIELab	46.08, 20.78, 49.00
CIElCh	46, 53.225, 67.023
Yxy	15.3250, 0.5034, 0.4232
Android (android.graphics.Color)	4288568852 (0xFF9E5E14)
YUV	104.7000, -41.7571, 46.7441
Hunter-Lab	39.1472, 14.6139, 23.3758

Details

The Hex color **9E5E14** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **14549E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **D99147**, and **652F00** is the 20% darker color. If you saturate the color by 10%, you get **9E5704**, and if you desaturate by 10%, it is **9E6524**.

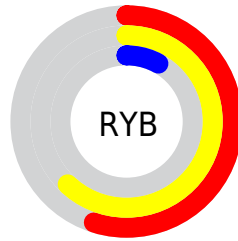
Distribution



Red (62%)

Green (37%)

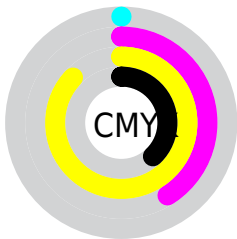
Blue (8%)



Red (55%)

Yellow (62%)

Blue (8%)

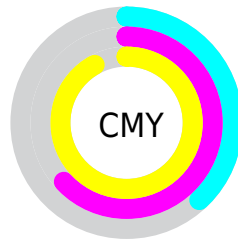


Cyan (0%)

Magenta (41%)

Yellow (87%)

Black (38%)



Cyan (38%)

Magenta (63%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E5E14 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 9E5E14 by changing the saturation by 10% instead.

 9E5E14

 9E5E14

FFFFFF

 814600

 D99147

 652F00

 F8AB61

 491A00

 FFC77B

 2F0400

 FFE395

 0A0000

 FFFFB1

 000000

 FFFFCC

 FFFFEE9

 9E5E14

 9E5E14

■ 9E5704

■ 9E6524

■ 9E5500

■ 9E6D34

■ 9E7443

■ 9E7B53

■ 9E8363

■ 9E8A73

■ 9E9183

■ 9E9992

■ 9EA0A2

Harmonies

Analogous

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



B64B3A



9E5E14



796E00

Triad

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



9E5E14



008277



7C5CB5

Complementary

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



9E5E14



14549E

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.



006FC6



9E5E14



0081A2

Square

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



9E5E14



008048



007BBF



AA4891

Rectangle

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



9E5E14



5B7610



007BBF



6463BD

Sweetspot

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



9E5E14



CFB699



9E1454



695A48



E8E8E8



696969

Same Dimension

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



9E5E14



CF6F00



999E14



4F4B47



8F4D00



0F0800

Inverse Universe

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



14549E



0060CF



19149E



474B4F



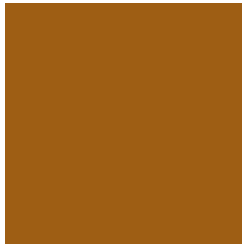
00428F



00070F

Previews

White Background



This preview shows how the Hex color 9E5E14 looks on a white background.

Color Contrast Check

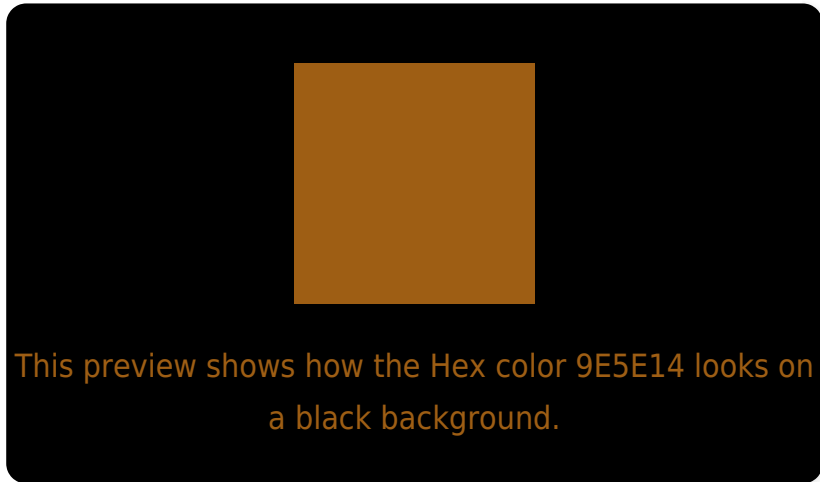
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E5E14 Background



This preview shows how black text looks on a background with the Hex color 9E5E14.



This preview shows how white text looks on a background with the Hex color 9E5E14.

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
9E5E14

Protanopia
7B6E18

Deuteranopia
8B680C



Tritanopia
A1585E

Trichromacy



Original Color
9E5E14

Protanomaly
886817

Deuteranomaly
92640F

Tritanomaly
A05A43

Monochromacy



Original Color
9E5E14

Achromatopsia
696969

Achromatomaly
7C654A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E5E14 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 #9E5E14 looks like.

```
.text, #text, p{  
    color:#9E5E14  
}
```

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 #9E5E14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E5E14
}
```

Border

The CSS property to change the border of an element to Hex 9E5E14 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
#9E5E14 }
```

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

```
.border{ border-color:#9E5E14 }
```

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

Here you see how a box with a 4 pixel #9E5E14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E5E14; -webkit-box-shadow:4px 4px  
4px 4px #9E5E14; box-shadow:4px 4px 4px  
4px #9E5E14 }
```

Background

The CSS property to change the background color of an element to Hex 9E5E14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E5E14 }
```

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

```
.background{ background-color:#9E5E14 }
```

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