

# Converting Colors

Hex(9E4526)

Have a look what the booklet for  
Hex(9E4526) contains.

<b>Hex(9E4526)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9E4526)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E4526
RGB	158, 69, 38
RGB Percent	62%, 27%, 15%
CMY	0.3804, 0.7294, 0.8510
CMYK	0.00, 0.56, 0.76, 0.38
HSL	15°, 61%, 38%
HSV	15°, 76%, 62%
XYZ	16.5785, 11.6653, 3.2116
YIQ	92.0770, 62.9950, 9.2270

# Conversions

## Conversions Part 2

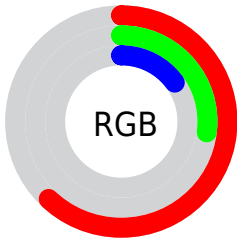
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 80, 38
Decimal	10372390
CIE <sub>Lab</sub>	40.68, 35.06, 35.93
CIE <sub>LCh</sub>	41, 50.199, 45.702
Yxy	11.6653, 0.5270, 0.3709
Android (android.graphics.Color)	4288562470 (0xFF9E4526)
YUV	92.0770, -26.6600, 57.8145
Hunter-Lab	34.1545, 26.8732, 18.3331

# Details

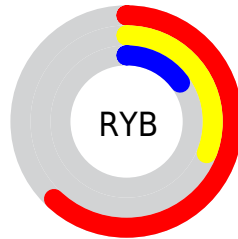
The Hex color **9E4526** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **267F9E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **DA7855**, and **651200** is the 20% darker color. If you saturate the color by 10%, you get **9E3916**, and if you desaturate by 10%, it is **9E5136**.

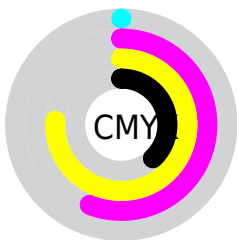
# Distribution



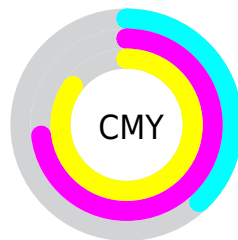
- Red (62%)
- Green (27%)
- Blue (15%)



- Red (62%)
- Yellow (31%)
- Blue (15%)



- Cyan (0%)
- Magenta (56%)
- Yellow (76%)
- Black (38%)



- Cyan (38%)
- Magenta (73%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E4526 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 9E4526 by changing the saturation by 10% instead.



 9E4526

 9E4526

FFFFFF

 812C10

 DA7855

 651200

 F8926D

 480000

 FFAD87

 300001

 FFC9A2

 000000

 FFE5BD

 FFFFFD9

 FFFFF5

 9E4526

 9E4526

■ 9E3916

■ 9E5136

■ 9E2E06

■ 9E5C46

■ 9E2900

■ 9E6855

■ 9E7465

■ 9E8075

■ 9E8B85

■ 9E9795

■ 9EA3A4

■ 9EAEB4

# Harmonies

## Analogous

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



A9374C



9E4526



845701

# Triad

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



9E4526



00724A



325DB0

# Complementary

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



9E4526



267F9E

# 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.



006AB0



9E4526



007375

# Square

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



9E4526



2E6D21



00719A



7D4B9A

# Rectangle

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



9E4526



6C6100



00719A



0062B2



# Sweetspot

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



9E4526



CFAB9F



9E2680



69534B



E8E8E8



696969



# Same Dimension

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



9E4526



CF4313



9E8026



4F4947



8F2500



0F0400



# Inverse Universe

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



267F9E



139ECF



26449E



474D4F



006A8F

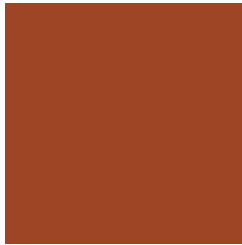


000B0F



# Previews

## White Background



This preview shows how the Hex color 9E4526 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 9E4526 Background



This preview shows how black text looks on a background with the Hex color 9E4526.



This preview shows how white text looks on a background with the Hex color 9E4526.

# 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**  
9E4526

**Protanopia**  
6B612E

**Deuteranopia**  
795C20



**Tritanopia**  
9F4146

# Trichromacy



**Original Color**  
9E4526

**Protanomaly**  
7E572B

**Deuteranomaly**  
865422

**Tritanomaly**  
9F423A

# Monochromacy



**Original Color**  
9E4526

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
745448

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E4526 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 #9E4526 looks like.

```
.text, #text, p{  
    color:#9E4526  
}
```

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 #9E4526 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E4526
}
```

## Border

The CSS property to change the border of an element to Hex 9E4526 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
#9E4526 }
```

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

```
.border{ border-color:#9E4526 }
```

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

Here you see how a box with a 4 pixel #9E4526 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E4526; -webkit-box-shadow:4px 4px  
4px 4px #9E4526; box-shadow:4px 4px 4px  
4px #9E4526 }
```

# Background

The CSS property to change the background color of an element to Hex 9E4526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E4526 }
```

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

```
.background{ background-color:#9E4526 }
```

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