

# Converting Colors

Hex(9E5418)

Have a look what the booklet for  
Hex(9E5418) contains.

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**Color**

**Hex(9E5418)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E5418
RGB	158, 84, 24
RGB Percent	62%, 33%, 9%
CMY	0.3804, 0.6706, 0.9059
CMYK	0.00, 0.47, 0.85, 0.38
HSL	27°, 74%, 36%
HSV	27°, 85%, 62%
XYZ	17.4357, 13.6757, 2.5849
YIQ	99.2860, 63.3640, -2.9720

# Conversions

## Conversions Part 2

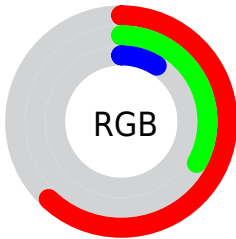
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">158, 133, 24</a>
Decimal	<a href="#">10376216</a>
CIELab	<a href="#">43.76, 26.50, 45.56</a>
CIElCh	<a href="#">44, 52.705, 59.820</a>
Yxy	<a href="#">13.6757, 0.5174, 0.4059</a>
Android (android.graphics.Color)	<a href="#">4288566296 (0xFF9E5418)</a>
YUV	<a href="#">99.2860, -37.1160, 51.4922</a>
Hunter-Lab	<a href="#">36.9807, 19.4435, 21.7422</a>

# Details

The Hex color **9E5418** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **18629E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **DA8649**, and **652500** is the 20% darker color. If you saturate the color by 10%, you get **9E4B08**, and if you desaturate by 10%, it is **9E5D28**.

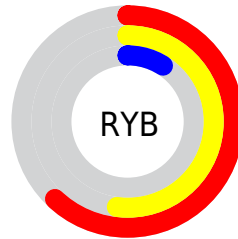
# Distribution



Red (62%)

Green (33%)

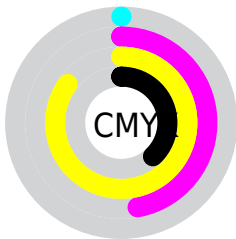
Blue (9%)



Red (62%)

Yellow (52%)

Blue (9%)

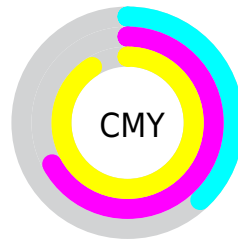


Cyan (0%)

Magenta (47%)

Yellow (85%)

Black (38%)



Cyan (38%)

Magenta (67%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E5418 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 9E5418 by changing the saturation by 10% instead.



 9E5418

 9E5418

FFFFFF

 813C00

 DA8649

 652500

 F8A162

 480E00

 FFBC7C

 2F0000

 FFD896

 000000

 FFF5B2

 FFFFCD

 FFFFEA

 9E5418

 9E5418

■ 9E4B08

■ 9E5D28

■ 9E4700

■ 9E6538

■ 9E6E47

■ 9E7757

■ 9E8067

■ 9E8877

■ 9E9187

■ 9E9A96

■ 9EA3A6

# Harmonies

## Analogous

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



B2413F



9E5418



7C6500

# Triad

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



9E5418



007B66



655CB4

# Complementary

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



9E5418



18629E

# 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.



006DBF



9E5418



007B92

# Square

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



9E5418



007839



0077B3



9B4794

# Rectangle

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



9E5418



616E00



0077B3



4762BA



# Sweetspot

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



9E5418



CFB29B



9E1864



695749



E8E8E8



696969



# Same Dimension

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



9E5418



CF5C00



9E9518



4F4B47



8F4000



0F0700



# Inverse Universe

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



18629E



0072CF



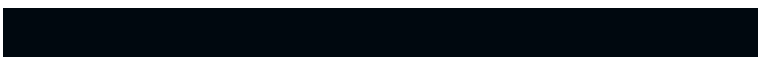
18219E



474C4F



004F8F



00080F



# Previews

## White Background



This preview shows how the Hex color 9E5418 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 9E5418 Background



This preview shows how black text looks on a background with the Hex color 9E5418.



This preview shows how white text looks on a background with the Hex color 9E5418.

# 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**  
9E5418

**Protanopia**  
75681D

**Deuteranopia**  
836310



**Tritanopia**  
A14E54

# Trichromacy



**Original Color**  
9E5418

**Protanomaly**  
84611B

**Deuteranomaly**  
8D5E13

**Tritanomaly**  
A0503E

# Monochromacy



**Original Color**  
9E5418

**Achromatopsia**  
636363

**Achromatomaly**  
785E48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E5418 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 #9E5418 looks like.

```
.text, #text, p{  
    color:#9E5418  
}
```

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 #9E5418 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E5418
}
```

## Border

The CSS property to change the border of an element to Hex 9E5418 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
#9E5418 }
```

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

```
.border{ border-color:#9E5418 }
```

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

Here you see how a box with a 4 pixel #9E5418 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E5418; -webkit-box-shadow:4px 4px  
4px 4px #9E5418; box-shadow:4px 4px 4px  
4px #9E5418 }
```

# Background

The CSS property to change the background color of an element to Hex 9E5418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E5418 }
```

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

```
.background{ background-color:#9E5418 }
```

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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