

# Converting Colors

Hex(9E4A00)

Have a look what the booklet for  
Hex(9E4A00) contains.

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**Color**

**Hex(9E4A00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E4A00
RGB	158, 74, 0
RGB Percent	62%, 29%, 0%
CMY	0.3804, 0.7098, 1.0000
CMYK	0.00, 0.53, 1.00, 0.38
HSL	28°, 100%, 31%
HSV	28°, 100%, 62%
XYZ	16.5493, 12.1667, 1.4762
YIQ	90.6800, 73.8180, -5.2060

# Conversions

## Conversions Part 2

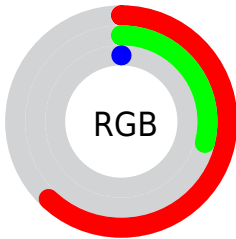
Format	Color
<b>RYB</b>	158, 139, 0
Decimal	10373632
CIELab	41.48, 31.44, 51.41
CIELCh	41, 60.267, 58.551
Yxy	12.1667, 0.5481, 0.4030
Android (android.graphics.Color)	4288563712 (0xFF9E4A00)
YUV	90.6800, -44.7052, 59.0396
Hunter-Lab	34.8807, 23.6489, 21.9074

# Details

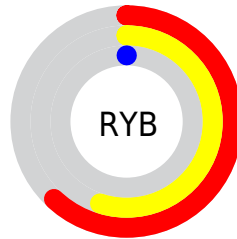
The Hex color **9E4A00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **00549E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **DB7C38**, and **631A00** is the 20% darker color. If you saturate the color by 10%, you get **9E4A00**, and if you desaturate by 10%, it is **9E5210**.

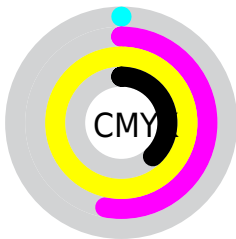
# Distribution



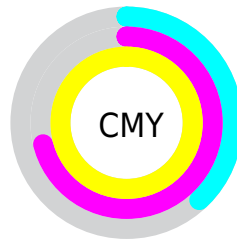
- Red (62%)
- Green (29%)
- Blue (0%)



- Red (62%)
- Yellow (55%)
- Blue (0%)



- Cyan (0%)
- Magenta (53%)
- Yellow (100%)
- Black (38%)



- Cyan (38%)
- Magenta (71%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E4A00 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 9E4A00 by changing the saturation by 10% instead.



 9E4A00

 9E4A00

 FFFFF4

 813200

 DB7C38

 631A00

 FA9751

 470000

 FFB26B

 2E0001

 FFCD85

 000000

 FFEAA0

 FFFFBB

 FFFF80

 9E4A00

 9E5210

 9E5B20

 9E632F

 9E6C3F

 9E744F

 9E7C5F

 9E856F

 9E8D7E

 9E968E

# Harmonies

## Analogous

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



B53036



9E4A00



795F00

# Triad

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



9E4A00



00775E



5756BA

# Complementary

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



9E4A00



00549E

# 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.



0069C6



9E4A00



007790

# Square

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



9E4A00



00742A



0073B6



9A3B96

# Rectangle

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



9E4A00



5A6900



0073B6



2A5DC1



# Sweetspot

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



9E4A00



CFAE91



9E0054



695543



E8E8E8



696969



# Same Dimension

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



9E4A00



CF6100



9E9900



4F4B47



8F4300



0F0700



# Inverse Universe

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



00549E



006ECF



00059E



474B4F



004C8F



00080F



# Previews

## White Background



This preview shows how the Hex color 9E4A00 looks on a white background.

## Color Contrast Check

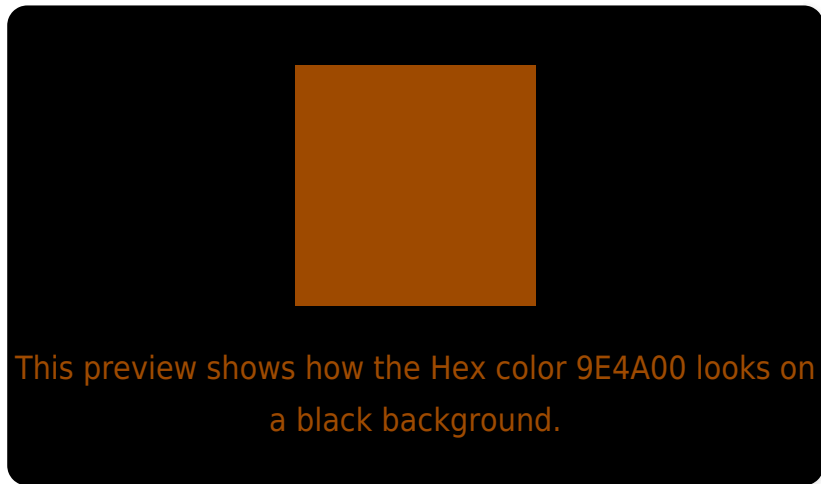
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E4A00 Background



This preview shows how black text looks on a background with the Hex color 9E4A00.



This preview shows how white text looks on a background with the Hex color 9E4A00.

# 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**  
9E4A00

**Protanopia**  
6F630E

**Deuteranopia**  
7D5E00

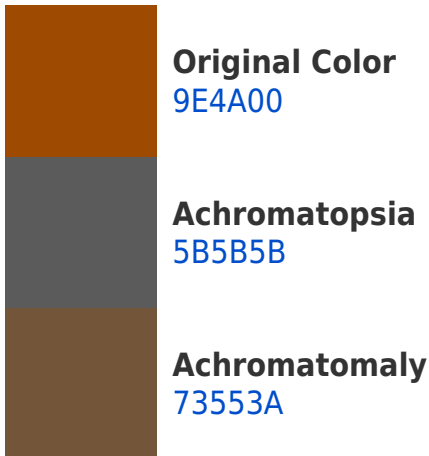


**Tritanopia**  
A04549

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E4A00 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 #9E4A00 looks like.

```
.text, #text, p{  
    color:#9E4A00  
}
```

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 #9E4A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E4A00
}
```

## Border

The CSS property to change the border of an element to Hex 9E4A00 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
#9E4A00 }
```

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

```
.border{ border-color:#9E4A00 }
```

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

Here you see how a box with a 4 pixel #9E4A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E4A00; -webkit-box-shadow:4px 4px  
4px 4px #9E4A00; box-shadow:4px 4px 4px  
4px #9E4A00 }
```

# Background

The CSS property to change the background color of an element to Hex 9E4A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E4A00 }
```

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

```
.background{ background-color:#9E4A00 }
```

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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