

Converting Colors

Hex(9E5934)

Have a look what the booklet for
Hex(9E5934) contains.

Hex(9E5934)	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(9E5934)

Conversions

Conversions Part 1

Format	Color
Hex	9E5934
RGB	158, 89, 52
RGB Percent	62%, 35%, 20%
CMY	0.3804, 0.6510, 0.7961
CMYK	0.00, 0.44, 0.67, 0.38
HSL	21°, 50%, 41%
HSV	21°, 67%, 62%
XYZ	18.2928, 14.6618, 5.1147
YIQ	105.4130, 53.0010, 3.1210

Conversions

Conversions Part 2

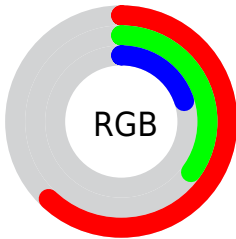
Format	Color
R_{YB}	158, 109, 52
Decimal	10377524
CIE _{Lab}	45.17, 25.03, 33.30
CIE _{LCh}	45, 41.655, 53.071
Yxy	14.6618, 0.4805, 0.3851
Android (android.graphics.Color)	4288567604 (0xFF9E5934)
YUV	105.4130, -26.3326, 46.1188
Hunter-Lab	38.2907, 18.2667, 18.8838

Details

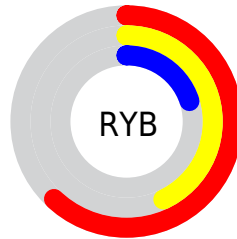
The Hex color **9E5934** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **34799E**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **D88C64**, and **662A06** is the 20% darker color. If you saturate the color by 10%, you get **9E4F24**, and if you desaturate by 10%, it is **9E6344**.

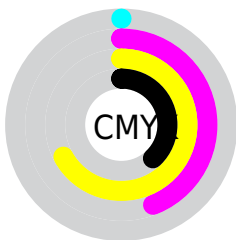
Distribution



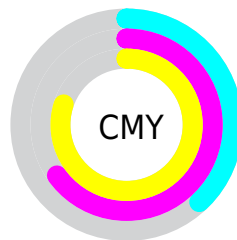
- Red (62%)
- Green (35%)
- Blue (20%)



- Red (62%)
- Yellow (43%)
- Blue (20%)



- Cyan (0%)
- Magenta (44%)
- Yellow (67%)
- Black (38%)



- Cyan (38%)
- Magenta (65%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E5934 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 9E5934 by changing the saturation by 10% instead.

 9E5934

 9E5934

FFFFFF

 82411D

 D88C64

 662A06

 F6A67D

 4B1300

 FFC297

 300000

 FFDEB2

 0B0000

 FFFBCE

 000000

 FFFFEA

 9E5934

 9E5934

 9E4F24

 9E6344

 9E4414

 9E6E54

 9E3A05

 9E7863

 9E3700

 9E8273

 9E8C83

 9E9793

 9EA1A3

 9EABB2

 9EB6C2

Harmonies

Analogous

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



AB4E52



9E5934



856622

Triad

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



9E5934



007C61



5F65AB

Complementary

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



9E5934



34799E

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.



0071B0



9E5934



007C85

Square

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



9E5934



39783F



0079A2



8E5795

Rectangle

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



9E5934



706E22



0079A2



4869AF

Sweetspot

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



9E5934



CFB4A5



9E347B



69584F



E8E8E8



696969

Same Dimension

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



9E5934



CF6227



9E8C34



4F4A47



8F3200



0F0500

Inverse Universe

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



34799E



2794CF



34469E



474C4F



005D8F



000A0F

Previews

White Background



This preview shows how the Hex color 9E5934 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 9E5934 Background



This preview shows how black text looks on a background with the Hex color 9E5934.



This preview shows how white text looks on a background with the Hex color 9E5934.

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
9E5934

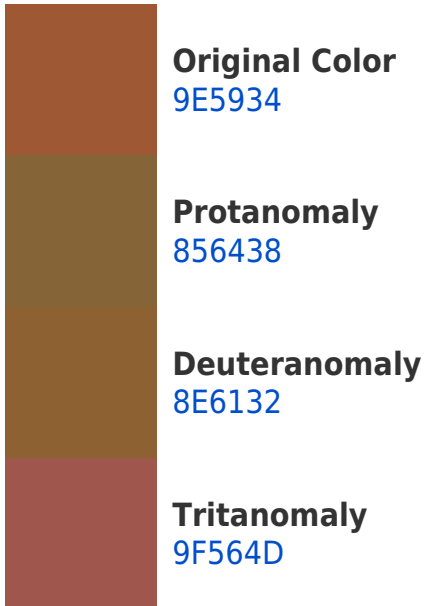
Protanopia
766B3A

Deuteranopia
856631

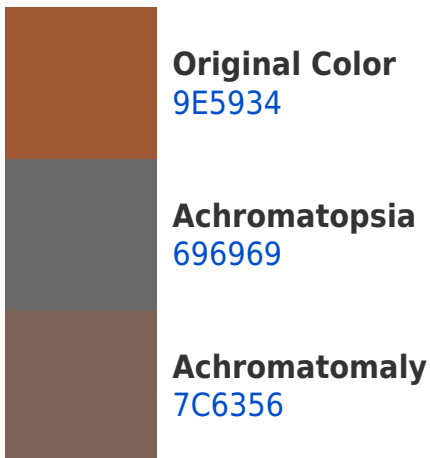


Tritanopia
A0545B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E5934 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 #9E5934 looks like.

```
.text, #text, p{  
    color:#9E5934  
}
```

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 #9E5934 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E5934 }  
}
```

Border

The CSS property to change the border of an element to Hex 9E5934 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 #9E5934 }  
}
```

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

```
.border{ border-color:#9E5934 }
```

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

Here you see how a box with a 4 pixel #9E5934 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E5934; -webkit-box-shadow:4px 4px  
4px 4px #9E5934; box-shadow:4px 4px 4px  
4px #9E5934 }
```

Background

The CSS property to change the background color of an element to Hex 9E5934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E5934 }
```

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

```
.background{ background-color:#9E5934 }
```

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