

Converting Colors

Hex(9E4116)

Have a look what the booklet for
Hex(9E4116) contains.

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Color

Hex(9E4116)

Conversions

Conversions Part 1

Format	Color
Hex	9E4116
RGB	158, 65, 22
RGB Percent	62%, 25%, 9%
CMY	0.3804, 0.7451, 0.9137
CMYK	0.00, 0.59, 0.86, 0.38
HSL	19°, 76%, 35%
HSV	19°, 86%, 62%
XYZ	16.1357, 11.1076, 2.0526
YIQ	87.9050, 69.2310, 6.3430

Conversions

Conversions Part 2

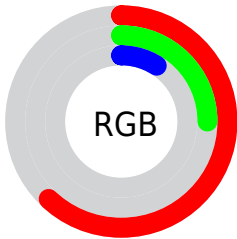
Format	Color
R_{YB}	158, 85, 22
Decimal	10371350
CIE _{Lab}	39.76, 36.51, 42.91
CIE _{LCh}	40, 56.339, 49.612
Yxy	11.1076, 0.5508, 0.3792
Android (android.graphics.Color)	4288561430 (0xFF9E4116)
YUV	87.9050, -32.4912, 61.4733
Hunter-Lab	33.3281, 28.0959, 19.6781

Details

The Hex color **9E4116** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **16739E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **DB7446**, and **630D00** is the 20% darker color. If you saturate the color by 10%, you get **9E3606**, and if you desaturate by 10%, it is **9E4C26**.

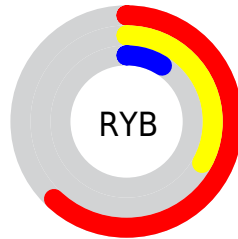
Distribution



 Red (62%)

 Green (25%)

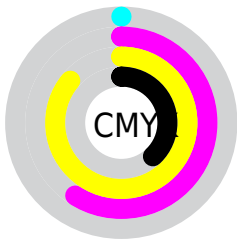
 Blue (9%)



 Red (62%)

 Yellow (33%)

 Blue (9%)

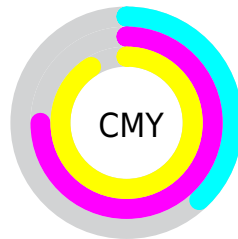


 Cyan (0%)


 Magenta (59%)

 Yellow (86%)

 Black (38%)



 Cyan (38%)

 Magenta (75%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E4116 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 9E4116 by changing the saturation by 10% instead.

 9E4116

 9E4116

FFFFFF

 802800

 DB7446

 630D00

 F98E5E

 470000

 FFA977

 2F0002

 FFC592

 000000

 FFE1AD

 FFFEC8

 FFFFEE4

 9E4116

 9E4116

■ 9E3606

■ 9E4C26

■ 9E3200

■ 9E5736

■ 9E6145

■ 9E6C55

■ 9E7765

■ 9E8275

■ 9E8D85

■ 9E9794

■ 9EA2A4

Harmonies

Analogous

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



AD2C42



9E4116



7F5600

Triad

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



9E4116



00714C



3358B5

Complementary

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



9E4116



16739E

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.



0068B9



9E4116



00727B

Square

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



9E4116



0E6D1B



0070A3



84429A

Rectangle

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



9E4116



646000



0070A3



005FB9

Sweetspot

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



9E4116



CFAA99



9E1675



695248



E8E8E8



696969

Same Dimension

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



9E4116



CF4100



9E8316



4F4A47



8F2D00



0F0500

Inverse Universe

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



16739E



008DCF



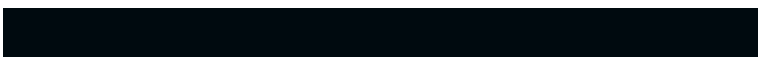
16319E



474D4F



00628F



000A0F

Previews

White Background



This preview shows how the Hex color 9E4116 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 9E4116 Background



This preview shows how black text looks on a background with the Hex color 9E4116.



This preview shows how white text looks on a background with the Hex color 9E4116.

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
9E4116

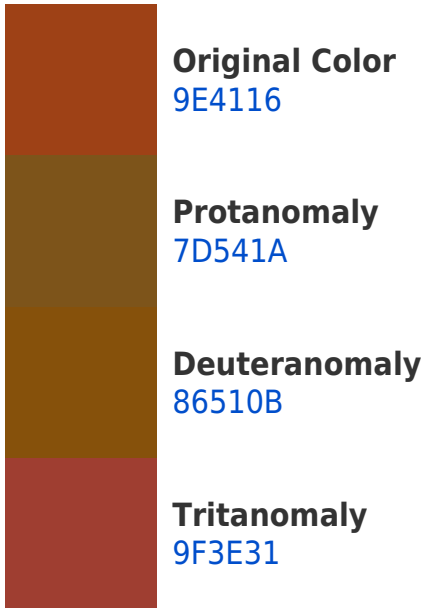
Protanopia
6A5F1D

Deuteranopia
785A04

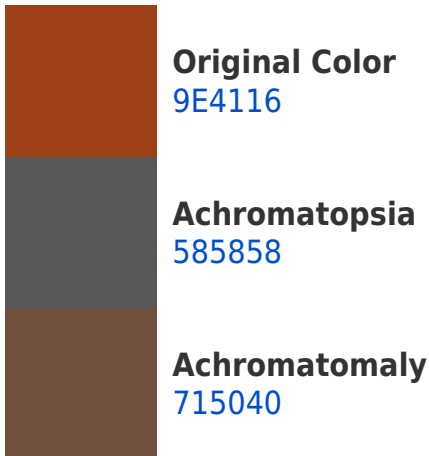


Tritanopia
9F3D41

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E4116 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 #9E4116 looks like.

```
.text, #text, p{  
    color:#9E4116  
}
```

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 #9E4116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E4116
}
```

Border

The CSS property to change the border of an element to Hex 9E4116 is called "border". The border property can be set on classes, ids or directly on the HTML element.

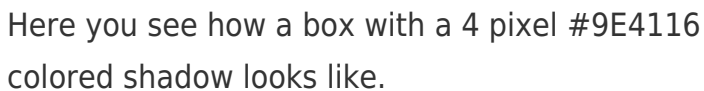
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E4116 }
```

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

```
.border{ border-color:#9E4116 }
```

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



Here you see how a box with a 4 pixel #9E4116 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E4116; -webkit-box-shadow:4px 4px  
4px 4px #9E4116; box-shadow:4px 4px 4px  
4px #9E4116 }
```

Background

The CSS property to change the background color of an element to Hex 9E4116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E4116 }
```

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

```
.background{ background-color:#9E4116 }
```

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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