

Converting Colors

Hex(9E5B02)

Have a look what the booklet for
Hex(9E5B02) contains.

Hex(9E5B02)	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(9E5B02)

Conversions

Conversions Part 1

Format	Color
Hex	9E5B02
RGB	158, 91, 2
RGB Percent	62%, 36%, 1%
CMY	0.3804, 0.6431, 0.9922
CMYK	0.00, 0.42, 0.99, 0.38
HSL	34°, 98%, 31%
HSV	34°, 99%, 62%
XYZ	17.8526, 14.7557, 1.9646
YIQ	100.8870, 68.5010, -13.4750

Conversions

Conversions Part 2

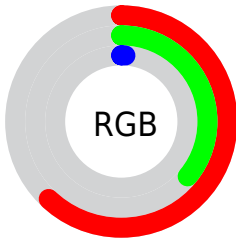
Format	Color
R_{YB}	119, 158, 2
Decimal	10377986
CIE Lab	45.30, 22.13, 53.23
CIE LCh	45, 57.646, 67.423
Yxy	14.7557, 0.5164, 0.4268
Android (android.graphics.Color)	4288568066 (0xFF9E5B02)
YUV	100.8870, -48.7513, 50.0881
Hunter-Lab	38.4131, 15.7355, 23.8568

Details

The Hex color **9E5B02** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **02459E**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **DA8E3D**, and **642C00** is the 20% darker color. If you saturate the color by 10%, you get **9E5A00**, and if you desaturate by 10%, it is **9E6212**.

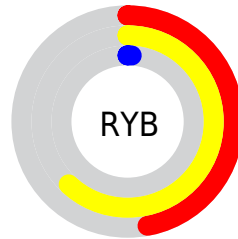
Distribution



Red (62%)

Green (36%)

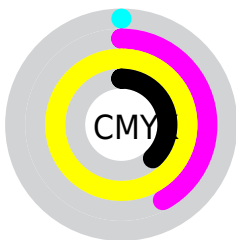
Blue (1%)



Red (47%)

Yellow (62%)

Blue (1%)

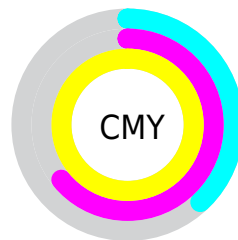


Cyan (0%)

Magenta (42%)

Yellow (99%)

Black (38%)



Cyan (38%)

Magenta (64%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E5B02 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 9E5B02 by changing the saturation by 10% instead.

 9E5B02

 9E5B02

 FFFFFFFB

 814300

 DA8E3D

 642C00

 F9A856

 481700

 FFC370

 2E0000

 FFDF8B

 050000

 FFFCA6

 000000

 FFFFC2

 FFFFDE

 9E5B02

 9E5B02

■ 9E5A00

■ 9E6212

■ 9E6922

■ 9E6F31

■ 9E7641

■ 9E7D51

■ 9E8461

■ 9E8B71

■ 9E9180

■ 9E9890

Harmonies

Analogous

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



B94533



9E5B02



766D00

Triad

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



9E5B02



008176



7B59B8

Complementary

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



9E5B02



02459E

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.



006DCB



9E5B02



0080A5

Square

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



9E5B02



007F44



007AC4



AD4191

Rectangle

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



9E5B02



567500



007AC4



6060C1

Sweetspot

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



9E5B02



CFB491



9E0246



695843



E8E8E8



696969

Same Dimension

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



9E5B02



CF7600



949E02



4F4C47



8F5100



0F0900

Inverse Universe

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



02459E



0059CF



0C029E



474B4F



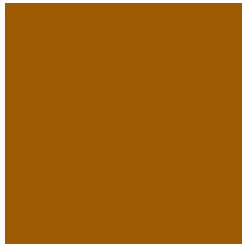
003D8F



00070F

Previews

White Background



This preview shows how the Hex color 9E5B02 looks on a white background.

Color Contrast Check

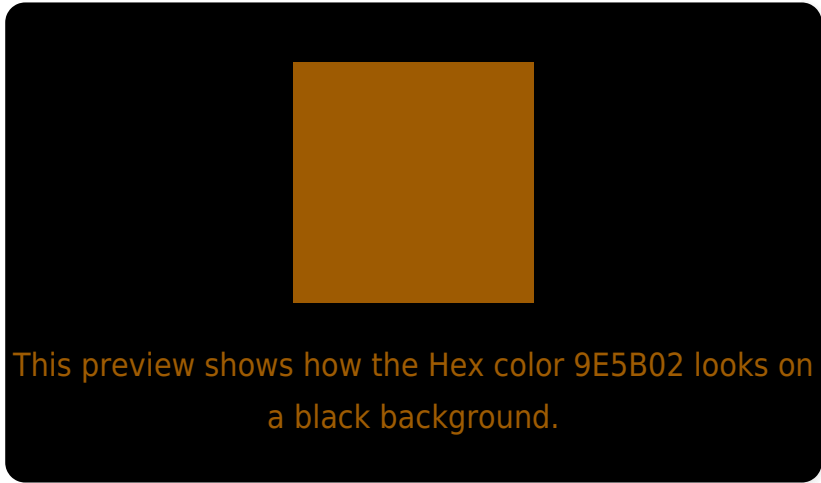
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E5B02 Background



This preview shows how black text looks on a background with the Hex color 9E5B02.



This preview shows how white text looks on a background with the Hex color 9E5B02.

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
9E5B02

Protanopia
7A6C0D

Deuteranopia
886600

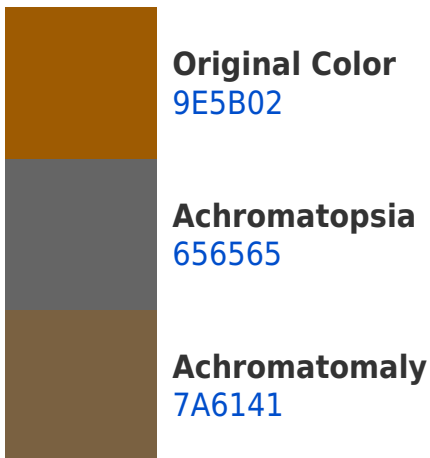


Tritanopia
A1555B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E5B02 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 #9E5B02 looks like.

```
.text, #text, p{  
    color:#9E5B02  
}
```

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 #9E5B02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E5B02
}
```

Border

The CSS property to change the border of an element to Hex 9E5B02 is called "border". The border property can be set on classes, ids or directly on the HTML element.

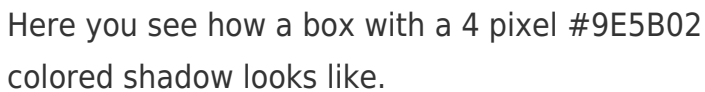
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E5B02 }
```

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

```
.border{ border-color:#9E5B02 }
```

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



Here you see how a box with a 4 pixel #9E5B02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E5B02; -webkit-box-shadow:4px 4px  
4px 4px #9E5B02; box-shadow:4px 4px 4px  
4px #9E5B02 }
```

Background

The CSS property to change the background color of an element to Hex 9E5B02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E5B02 }
```

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

```
.background{ background-color:#9E5B02 }
```

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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