

Converting Colors

Hex(9B4600)

Have a look what the booklet for
Hex(9B4600) contains.

Hex(9B4600)	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(9B4600)

Conversions

Conversions Part 1

Format	Color
Hex	9B4600
RGB	155, 70, 0
RGB Percent	61%, 27%, 0%
CMY	0.3922, 0.7255, 1.0000
CMYK	0.00, 0.55, 1.00, 0.39
HSL	27°, 100%, 30%
HSV	27°, 100%, 61%
XYZ	15.7077, 11.3489, 1.3627
YIQ	87.4350, 73.1300, -3.7500

Conversions

Conversions Part 2

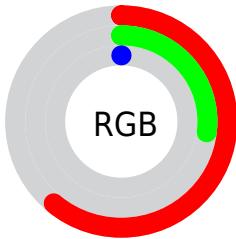
Format	Color
RYB	155, 128, 0
Decimal	10176000
CIELab	40.16, 32.31, 50.40
CIELCh	40, 59.864, 57.337
Yxy	11.3489, 0.5527, 0.3993
Android (android.graphics.Color)	4288366080 (0xFF9B4600)
YUV	87.4350, -43.1055, 59.2545
Hunter-Lab	33.6881, 24.2749, 21.1834

Details

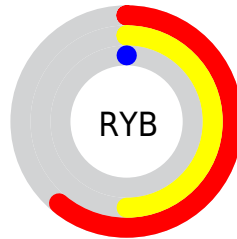
The Hex color **9B4600** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **00559B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **D87837**, and **601500** is the 20% darker color. If you saturate the color by 10%, you get **9B4600**, and if you desaturate by 10%, it is **9B4E0F**.

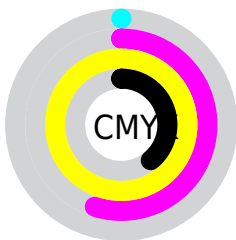
Distribution



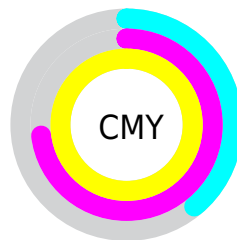
- Red (61%)
- Green (27%)
- Blue (0%)



- Red (61%)
- Yellow (50%)
- Blue (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (100%)
- Black (39%)



- Cyan (39%)
- Magenta (73%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B4600 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 9B4600 by changing the saturation by 10% instead.

 9B4600

 9B4600

 FFFFF3

 7E2E00

 D87837

 601500

 F79250

 440000

 FFAD69

 2D0001

 FFC984

 000000

 FFE59E

 FFFFBA

 FFFF66

 9B4600

 9B4E0F

 9B571F

 9B602F

 9B683E

 9B714E

 9B795D

 9B826C

 9B8A7C

 9B938B

Harmonies

Analogous

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



B12C35



9B4600



775B00

Triad

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



9B4600



007359



4F54B7

Complementary

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



9B4600



00559B

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.



0066C1



9B4600



00748A

Square

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



9B4600



007025



0070B1



943994

Rectangle

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



9B4600



596500



0070B1



1A5BBD

Sweetspot

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



9B4600



C9A88D



9B0055



665241



E6E6E6



666666

Same Dimension

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



9B4600



C95B00



9B9300



4D4845



8C3F00



0D0600

Inverse Universe

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



00559B



006EC9



00089B



45494D



004D8C



00070D

Previews

White Background



This preview shows how the Hex color 9B4600 looks on a white background.

Color Contrast Check

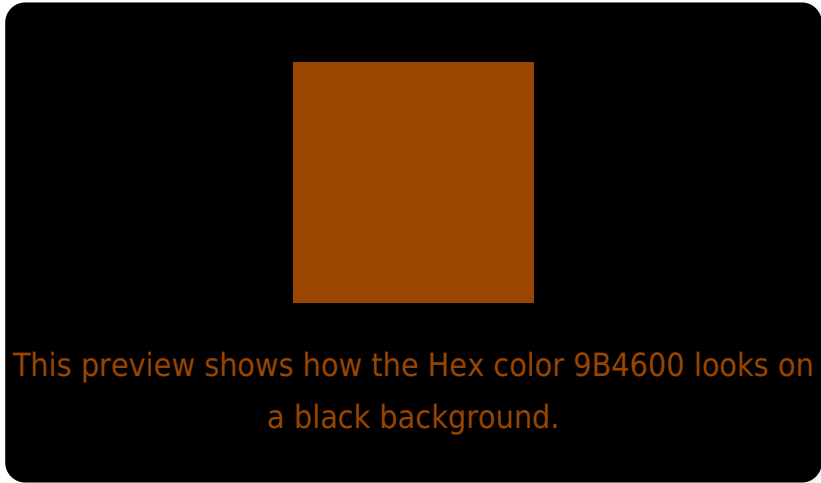
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B4600 Background



This preview shows how black text looks on a background with the Hex color 9B4600.



This preview shows how white text looks on a background with the Hex color 9B4600.

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
9B4600

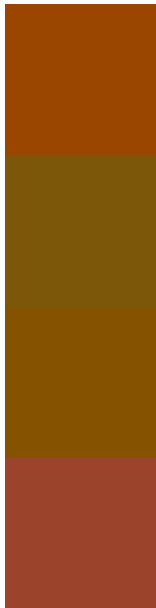
Protanopia
6C600E

Deuteranopia
795B00



Tritanopia
9D4145

Trichromacy



Original Color
9B4600

Protanomaly
7D5709

Deuteranomaly
855300

Tritanomaly
9C432C

Monochromacy



Original Color
9B4600

Achromatopsia
575757

Achromatomaly
705137

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B4600 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 #9B4600 looks like.

```
.text, #text, p{  
    color:#9B4600  
}
```

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 #9B4600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B4600
}
```

Border

The CSS property to change the border of an element to Hex 9B4600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

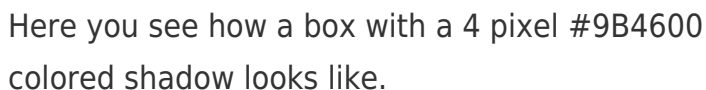
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B4600 }
```

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

```
.border{ border-color:#9B4600 }
```

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



Here you see how a box with a 4 pixel #9B4600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B4600; -webkit-box-shadow:4px 4px  
4px 4px #9B4600; box-shadow:4px 4px 4px  
4px #9B4600 }
```

Background

The CSS property to change the background color of an element to Hex 9B4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B4600 }
```

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

```
.background{ background-color:#9B4600 }
```

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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