

Converting Colors

Hex(9A4B06)

Have a look what the booklet for
Hex(9A4B06) contains.

Hex(9A4B06)	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(9A4B06)

Conversions

Conversions Part 1

Format	Color
Hex	9A4B06
RGB	154, 75, 6
RGB Percent	60%, 29%, 2%
CMY	0.3961, 0.7059, 0.9765
CMYK	0.00, 0.51, 0.96, 0.40
HSL	28°, 92%, 31%
HSV	28°, 96%, 60%
XYZ	15.8754, 11.9153, 1.6355
YIQ	90.7550, 69.2330, -4.7110

Conversions

Conversions Part 2

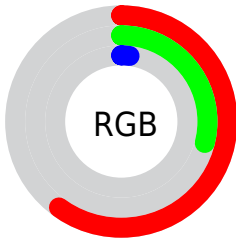
Format	Color
RYB	154, 135, 6
Decimal	10111750
CIELab	41.08, 29.32, 49.07
CIELCh	41, 57.161, 59.142
Yxy	11.9153, 0.5395, 0.4049
Android (android.graphics.Color)	4288301830 (0xFF9A4B06)
YUV	90.7550, -41.7842, 55.4659
Hunter-Lab	34.5186, 21.6861, 21.3539

Details

The Hex color **9A4B06** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **06559A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **D67D3C**, and **601C00** is the 20% darker color. If you saturate the color by 10%, you get **9A4800**, and if you desaturate by 10%, it is **9A5315**.

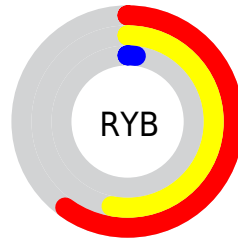
Distribution



Red (60%)

Green (29%)

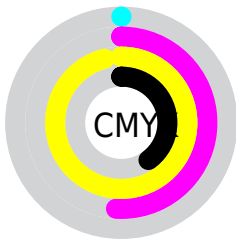
Blue (2%)



Red (60%)

Yellow (53%)

Blue (2%)

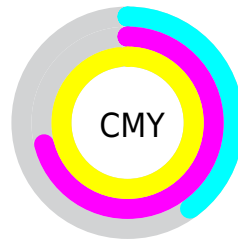


Cyan (0%)

Magenta (51%)

Yellow (96%)

Black (40%)



Cyan (40%)

Magenta (71%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A4B06 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 9A4B06 by changing the saturation by 10% instead.

 9A4B06

 9A4B06

 FFFFF8

 7D3300

 D67D3C

 601C00

 F59755

 440300

 FFB26E

 2C0001

 FFCE88

 000000

 FFEBA3

 FFFFBF

 FFFFDB

 9A4B06

 9A4B06

■ 9A4800

■ 9A5315

■ 9A5B25

■ 9A6434

■ 9A6C44

■ 9A7453

■ 9A7C62

■ 9A8572

■ 9A8D81

■ 9A9591

Harmonies

Analogous

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



B03436



9A4B06



775E00

Triad

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



9A4B06



00755E



5A55B4

Complementary

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



9A4B06



06559A

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.



0067BF



9A4B06



00758D

Square

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



9A4B06



00722D



0071B1



973D92

Rectangle

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



9A4B06



596800



0071B1



345CBA

Sweetspot

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



9A4B06



C9AA8F



9A0657



665342



E6E6E6



666666

Same Dimension

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



9A4B06



C95E00



9A9306



4D4845



8C4100



0D0600

Inverse Universe

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



06559A



006CC9



060D9A



45494D



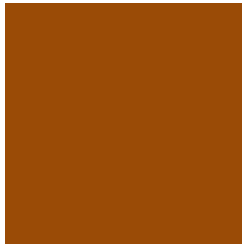
004B8C



00070D

Previews

White Background



This preview shows how the Hex color 9A4B06 looks on a white background.

Color Contrast Check

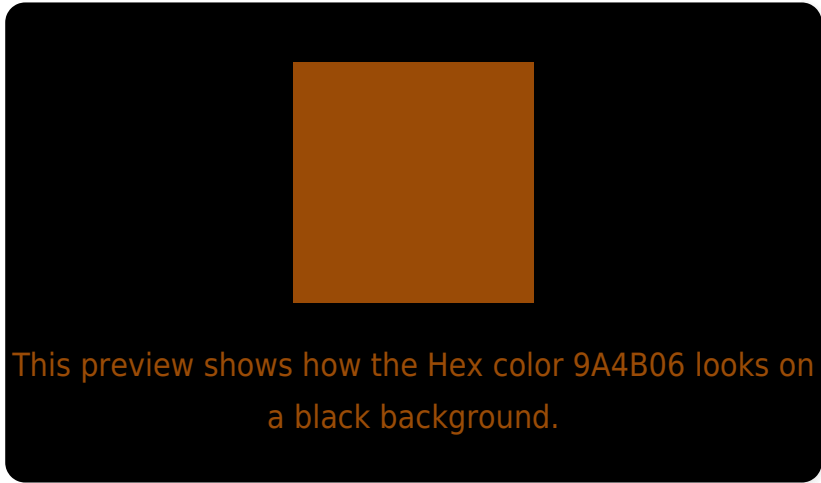
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A4B06 Background



This preview shows how black text looks on a background with the Hex color 9A4B06.



This preview shows how white text looks on a background with the Hex color 9A4B06.

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
9A4B06

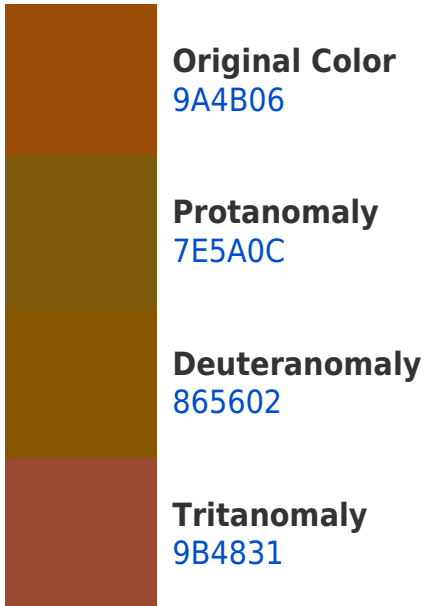
Protanopia
6E620F

Deuteranopia
7B5D00

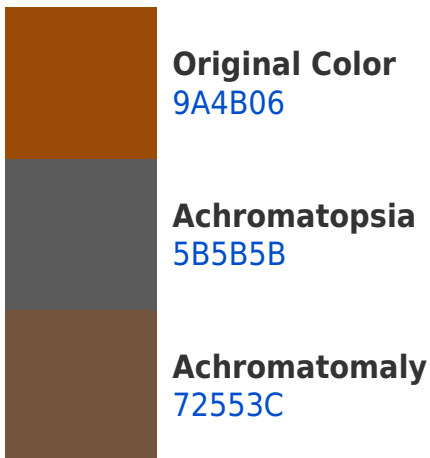


Tritanopia
9C464A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A4B06 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 #9A4B06 looks like.

```
.text, #text, p{  
    color:#9A4B06  
}
```

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 #9A4B06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A4B06
}
```

Border

The CSS property to change the border of an element to Hex 9A4B06 is called "border". The border property can be set on classes, ids or directly on the HTML element.

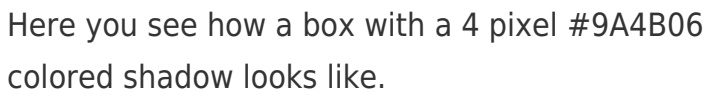
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A4B06 }
```

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

```
.border{ border-color:#9A4B06 }
```

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



Here you see how a box with a 4 pixel #9A4B06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A4B06; -webkit-box-shadow:4px 4px  
4px 4px #9A4B06; box-shadow:4px 4px 4px  
4px #9A4B06 }
```

Background

The CSS property to change the background color of an element to Hex 9A4B06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A4B06 }
```

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

```
.background{ background-color:#9A4B06 }
```

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