

Converting Colors

Hex(9B4801)

Have a look what the booklet for
Hex(9B4801) contains.

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Color

Hex(9B4801)

Conversions

Conversions Part 1

Format	Color
Hex	9B4801
RGB	155, 72, 1
RGB Percent	61%, 28%, 0%
CMY	0.3922, 0.7176, 0.9961
CMYK	0.00, 0.54, 0.99, 0.39
HSL	28°, 99%, 31%
HSV	28°, 99%, 61%
XYZ	15.8404, 11.6055, 1.4339
YIQ	88.7230, 72.2590, -4.4850

Conversions

Conversions Part 2

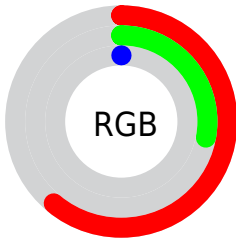
Format	Color
RYB	155, 133, 1
Decimal	10176513
CIELab	40.58, 31.27, 50.33
CIELCh	41, 59.248, 58.147
Yxy	11.6055, 0.5485, 0.4019
Android (android.graphics.Color)	4288366593 (0xFF9B4801)
YUV	88.7230, -43.2474, 58.1249
Hunter-Lab	34.0668, 23.3821, 21.3512

Details

The Hex color **9B4801** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **01549B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **D87A38**, and **601800** is the 20% darker color. If you saturate the color by 10%, you get **9B4700**, and if you desaturate by 10%, it is **9B5010**.

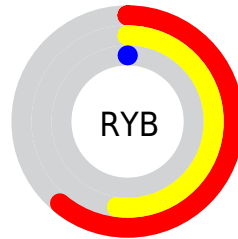
Distribution



Red (61%)

Green (28%)

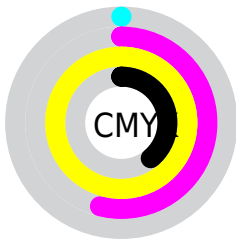
Blue (0%)



Red (61%)

Yellow (52%)

Blue (0%)

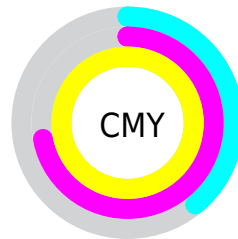


Cyan (0%)

Magenta (54%)

Yellow (99%)

Black (39%)



Cyan (39%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B4801 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 9B4801 by changing the saturation by 10% instead.

 9B4801

 9B4801

 FFFFF4

 7E3000

 D87A38

 601800

 F69451

 440000

 FFAF6B

 2D0001

 FFCB85

 000000

 FFE8A0

 FFFFBB

 FFFFD7

 9B4801

 9B4801

■ 9B4700

■ 9B5010

■ 9B5920

■ 9B612F

■ 9B693F

■ 9B724E

■ 9B7A5E

■ 9B826E

■ 9B8B7D

■ 9B938C

Harmonies

Analogous

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



B12F35



9B4801



775D00

Triad

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



9B4801



00745B



5454B6

Complementary

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



9B4801



01549B

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.



0067C2



9B4801



00758C

Square

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



9B4801



007128



0071B2



963A94

Rectangle

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



9B4801



596600



0071B2



265BBD

Sweetspot

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



9B4801



C9A98D



9B0156



665241



E6E6E6



666666

Same Dimension

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



9B4801



C95D00



9B9301



4D4845



8C4100



0D0600

Inverse Universe

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



01549B



006DC9



01099B



45494D



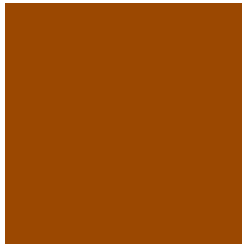
004C8C



00070D

Previews

White Background



This preview shows how the Hex color 9B4801 looks on a white background.

Color Contrast Check

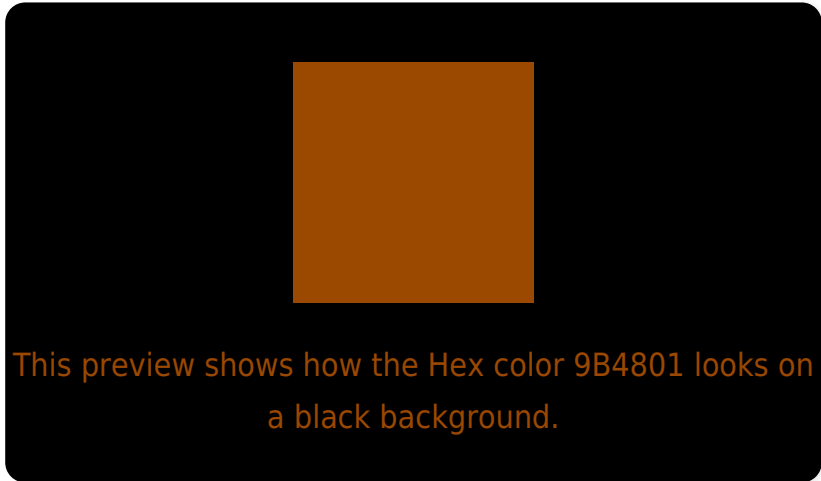
Large Text (above 18pt) WCAG AA ✓ Pass

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

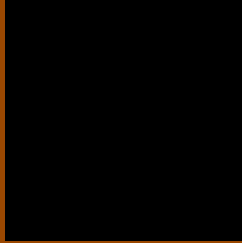
Any Text WCAG AA × Fail

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 9B4801 Background



This preview shows how black text looks on a background with the Hex color 9B4801.



This preview shows how white text looks on a background with the Hex color 9B4801.

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
9B4801

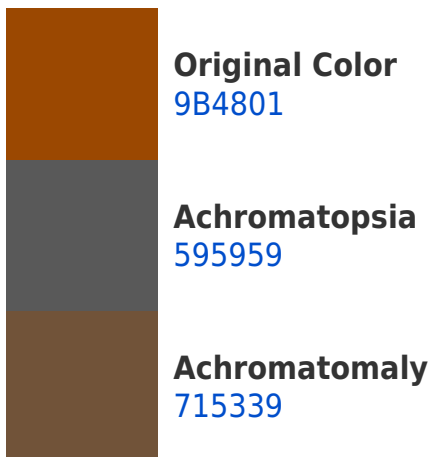
Protanopia
6D610E

Deuteranopia
7A5C00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B4801 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 #9B4801 looks like.

```
.text, #text, p{  
    color:#9B4801  
}
```

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 #9B4801 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B4801
}
```

Border

The CSS property to change the border of an element to Hex 9B4801 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
#9B4801 }
```

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

```
.border{ border-color:#9B4801 }
```

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

Here you see how a box with a 4 pixel #9B4801 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B4801; -webkit-box-shadow:4px 4px  
4px 4px #9B4801; box-shadow:4px 4px 4px  
4px #9B4801 }
```

Background

The CSS property to change the background color of an element to Hex 9B4801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B4801 }
```

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

```
.background{ background-color:#9B4801 }
```

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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