

# Converting Colors

Hex(9B5100)

Have a look what the booklet for  
Hex(9B5100) contains.

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**Color**

**Hex(9B5100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B5100
RGB	155, 81, 0
RGB Percent	61%, 32%, 0%
CMY	0.3922, 0.6824, 1.0000
CMYK	0.00, 0.48, 1.00, 0.39
HSL	31°, 100%, 30%
HSV	31°, 100%, 61%
XYZ	16.4600, 12.8534, 1.6134
YIQ	93.8920, 70.1050, -9.5030

# Conversions

## Conversions Part 2

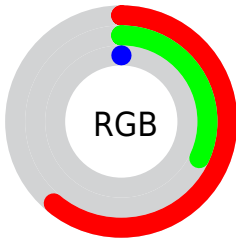
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 155, 0
Decimal	10178816
CIELab	42.54, 26.36, 51.81
CIELCh	43, 58.132, 63.031
Yxy	12.8534, 0.5322, 0.4156
Android (android.graphics.Color)	4288368896 (0xFF9B5100)
YUV	93.8920, -46.2888, 53.5917
Hunter-Lab	35.8517, 19.2114, 22.4280

# Details

The Hex color **9B5100** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **004A9B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **D78339**, and **612200** is the 20% darker color. If you saturate the color by 10%, you get **9B5100**, and if you desaturate by 10%, it is **9B580F**.

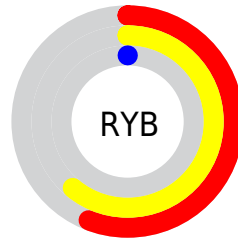
# Distribution



Red (61%)

Green (32%)

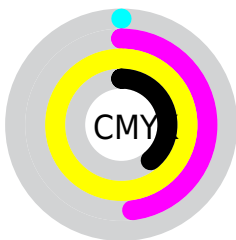
Blue (0%)



Red (56%)

Yellow (61%)

Blue (0%)

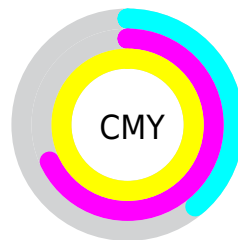


Cyan (0%)

Magenta (48%)

Yellow (100%)

Black (39%)



Cyan (39%)

Magenta (68%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B5100 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 9B5100 by changing the saturation by 10% instead.



 9B5100

 9B5100

 FFFFF6

 7E3900

 D78339

 612200

 F69E53

 450B00

 FFB96C

 2C0000

 FFD487

 000000

 FFF1A2

 FFFFBD

 FFFF9D

 9B5100

 9B580F

 9B601F

 9B672F

 9B6F3E

 9B764E

 9B7D5D

 9B856C

 9B8C7C

 9B948B

# Harmonies

## Analogous

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



B33A33



9B5100



756400

# Triad

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



9B5100



007A68



6855B6

# Complementary

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



9B5100



004A9B

# 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.



0069C5



9B5100



007998

# Square

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



9B5100



007736



0074BA



A13C91

# Rectangle

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



9B5100



566D00



0074BA



485DBE



# Sweetspot

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



9B5100



C9AD8D



9B004B



665441



E6E6E6



666666



# Same Dimension

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



9B5100



C96900



989B00



4D4945



8C4900



0D0700



# Inverse Universe

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



004A9B



0060C9



03009B



45494D



00438C

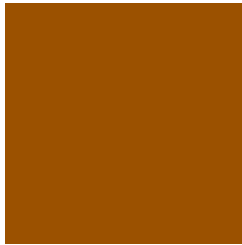


00060D



# Previews

## White Background



This preview shows how the Hex color 9B5100 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

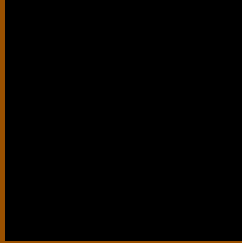
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9B5100 Background



This preview shows how black text looks on a background with the Hex color 9B5100.



This preview shows how white text looks on a background with the Hex color 9B5100.

# 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](#).

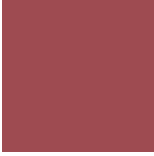
## Dichromacy



**Original Color**  
9B5100

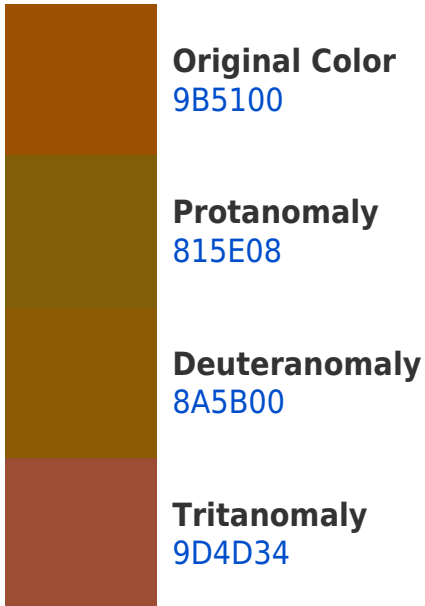
**Protanopia**  
72650D

**Deuteranopia**  
806000



**Tritanopia**  
9E4B51

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B5100 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 #9B5100 looks like.

```
.text, #text, p{  
    color:#9B5100  
}
```

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 #9B5100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B5100
}
```

## Border

The CSS property to change the border of an element to Hex 9B5100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

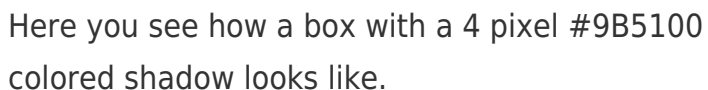
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B5100 }
```

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

```
.border{ border-color:#9B5100 }
```

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



Here you see how a box with a 4 pixel #9B5100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B5100; -webkit-box-shadow:4px 4px  
4px 4px #9B5100; box-shadow:4px 4px 4px  
4px #9B5100 }
```

# Background

The CSS property to change the background color of an element to Hex 9B5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B5100 }
```

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

```
.background{ background-color:#9B5100 }
```

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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