

# Converting Colors

Hex(9C5000)

Have a look what the booklet for  
Hex(9C5000) contains.

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**Color**

**Hex(9C5000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C5000
RGB	156, 80, 0
RGB Percent	61%, 31%, 0%
CMY	0.3882, 0.6863, 1.0000
CMYK	0.00, 0.49, 1.00, 0.39
HSL	31°, 100%, 31%
HSV	31°, 100%, 61%
XYZ	16.5790, 12.8052, 1.5979
YIQ	93.6040, 70.9760, -8.7680

# Conversions

## Conversions Part 2

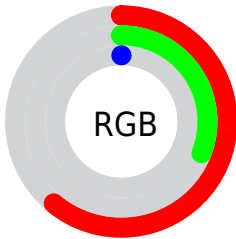
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 156, 0
Decimal	10244096
CIE <sub>Lab</sub>	42.47, 27.35, 51.84
CIE <sub>LCh</sub>	42, 58.614, 62.186
Yxy	12.8052, 0.5351, 0.4133
Android (android.graphics.Color)	4288434176 (0xFF9C5000)
YUV	93.6040, -46.1468, 54.7213
Hunter-Lab	35.7844, 20.0765, 22.4017

# Details

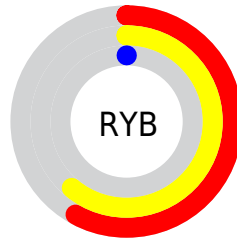
The Hex color **9C5000** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **004C9C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **D88239**, and **622100** is the 20% darker color. If you saturate the color by 10%, you get **9C5000**, and if you desaturate by 10%, it is **9C5810**.

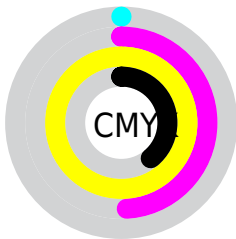
# Distribution



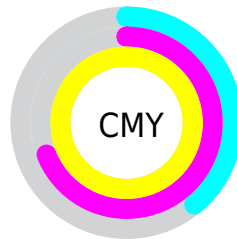
- Red (61%)
- Green (31%)
- Blue (0%)



- Red (58%)
- Yellow (61%)
- Blue (0%)



- Cyan (0%)
- Magenta (49%)
- Yellow (100%)
- Black (39%)



- Cyan (39%)
- Magenta (69%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C5000 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 9C5000 by changing the saturation by 10% instead.



 9C5000

 9C5000

 FFFFFFF6

 7F3800

 D88239

 622100

 F79D52

 460900

 FFB86C

 2D0000

 FFD386

 000000

 FFF0A1

 FFFFBD

 FFFFD9

 9C5000

 9C5810

 9C5F1F

 9C672F

 9C6E3E

 9C764E

 9C7E5E

 9C856D

 9C8D7D

 9C948C

# Harmonies

## Analogous

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



B43834



9C5000



766300

# Triad

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



9C5000



007A67



6656B7

# Complementary

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



9C5000



004C9C

# 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.



0069C6



9C5000



007997

# Square

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



9C5000



007734



0075BA



A03C92

# Rectangle

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



9C5000



576C00



0075BA



445DBF



# Sweetspot

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



9C5000



CCAE8F



9C004E



665441



E6E6E6



666666



# Same Dimension

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



9C5000



CC6900



9C9C00



4F4B47



8F4900



0F0800



# Inverse Universe

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



004C9C



0063CC



00009C



474B4F



00468F



00070F



# Previews

## White Background



This preview shows how the Hex color 9C5000 looks on a white background.

## Color Contrast Check

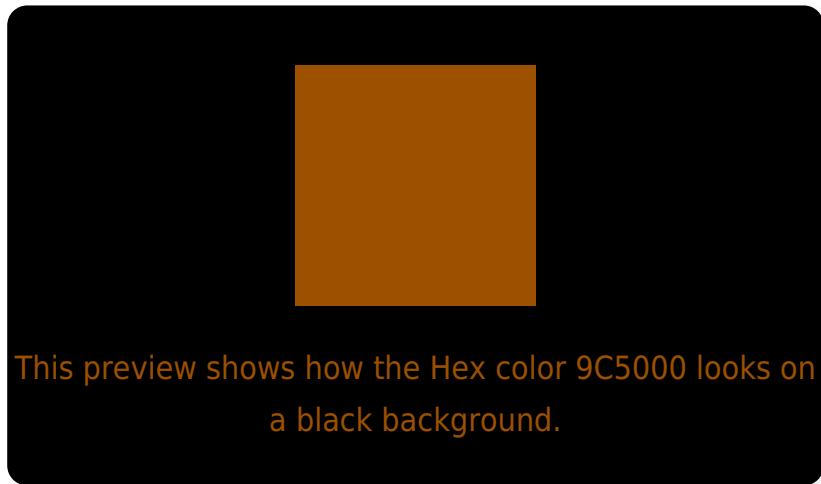
Large Text (above 18pt) WCAG AA ✓ Pass

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

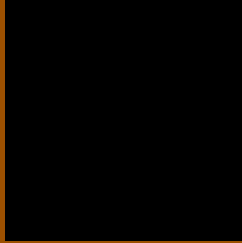
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9C5000 Background



This preview shows how black text looks on a background with the Hex color 9C5000.



This preview shows how white text looks on a background with the Hex color 9C5000.

# 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**  
9C5000

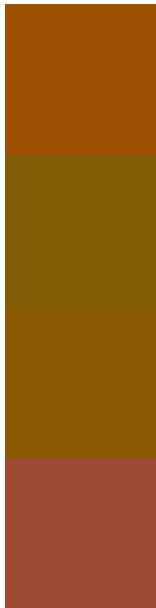
**Protanopia**  
72650D

**Deuteranopia**  
806000



**Tritanopia**  
9E4A50

# Trichromacy



**Original Color**  
9C5000

**Protanomaly**  
815D08

**Deuteranomaly**  
8A5A00

**Tritanomaly**  
9D4C33

# Monochromacy



**Original Color**  
9C5000

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
75593C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C5000 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 #9C5000 looks like.

```
.text, #text, p{  
    color:#9C5000  
}
```

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 #9C5000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C5000
}
```

## Border

The CSS property to change the border of an element to Hex 9C5000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

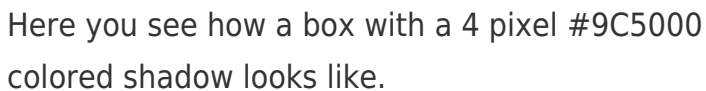
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C5000 }
```

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

```
.border{ border-color:#9C5000 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border and a thicker orange shadow on the right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #9C5000 colored shadow looks like." data-bbox="137 528 767 585"/>

Here you see how a box with a 4 pixel #9C5000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C5000; -webkit-box-shadow:4px 4px  
4px 4px #9C5000; box-shadow:4px 4px 4px  
4px #9C5000 }
```

# Background

The CSS property to change the background color of an element to Hex 9C5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C5000 }
```

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

```
.background{ background-color:#9C5000 }
```

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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