

# Converting Colors

Hex(9A5C00)

Have a look what the booklet for  
Hex(9A5C00) contains.

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**Color**

**Hex(9A5C00)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 9A5C00                      |
| RGB         | 154, 92, 0                  |
| RGB Percent | 60%, 36%, 0%                |
| CMY         | 0.3961, 0.6392, 1.0000      |
| CMYK        | 0.00, 0.40, 1.00, 0.40      |
| HSL         | 36°, 100%, 30%              |
| HSV         | 36°, 100%, 60%              |
| XYZ         | 17.1536, 14.5243, 1.8994    |
| YIQ         | 100.0500, 66.4840, -15.4680 |

# Conversions

## Conversions Part 2

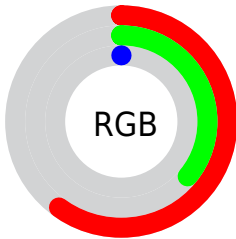
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 104, 154, 0                    |
| Decimal                             | 10116096                       |
| CIELab                              | 44.98, 19.73, 53.26            |
| CIELCh                              | 45, 56.799, 69.671             |
| Yxy                                 | 14.5243, 0.5109,<br>0.4326     |
| Android<br>(android.graphics.Color) | 4288306176<br>(0xFF9A5C00)     |
| YUV                                 | 100.0500, -49.3246,<br>47.3142 |
| Hunter-Lab                          | 38.1108, 13.6486,<br>23.7226   |

# Details

The Hex color **9A5C00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **003E9A**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **D68E3C**, and **612E00** is the 20% darker color. If you saturate the color by 10%, you get **9A5C00**, and if you desaturate by 10%, it is **9A620F**.

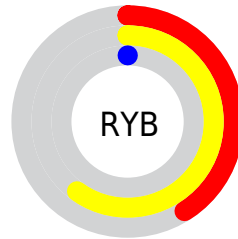
# Distribution



Red (60%)

Green (36%)

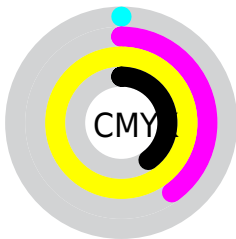
Blue (0%)



Red (41%)

Yellow (60%)

Blue (0%)

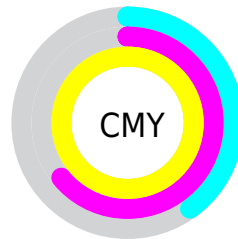


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (64%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A5C00 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 9A5C00 by changing the saturation by 10% instead.



 9A5C00

 9A5C00

 FFFFFFFA

 7D4400

 D68E3C

 612E00

 F4A955

 451800

 FFC46F

 2B0200

 FFE08A

 000000

 FFFDA5

 FFFFC0

 FFFFDD

 9A5C00

 9A620F

 9A681F

 9A6F2E

 9A753E

 9A7B4D

 9A815C

 9A876C

 9A8E7B

 9A948B

# Harmonies

## Analogous

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



B54630



9A5C00



726D00

# Triad

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



9A5C00



008079



7F56B4

# Complementary

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



9A5C00



003E9A

# 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.



006BC8



9A5C00



007FA6

# Square

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



9A5C00



007E47



0078C3



AE408C

# Rectangle

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



9A5C00



527503



0078C3



665EBD



# Sweetspot

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



9A5C00



C9B18D



9A0040



665741



E6E6E6



666666



# Same Dimension

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



9A5C00



C97800



8D9A00



4D4945



8C5400



0D0800



# Inverse Universe

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



003E9A



0051C9



0D009A



45484D



00388C

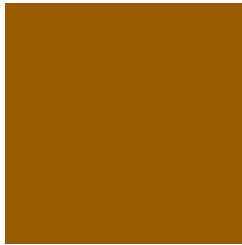


00050D



# Previews

## White Background



This preview shows how the Hex color 9A5C00 looks on a white background.

## Color Contrast Check

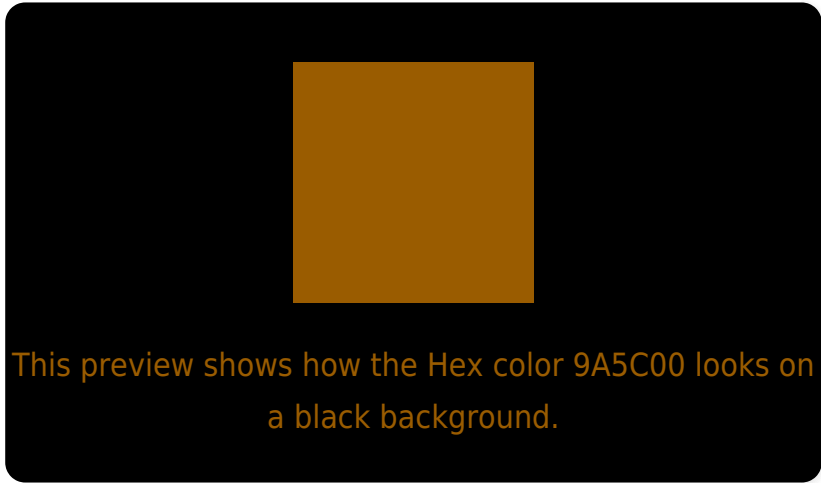
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A5C00 Background



This preview shows how black text looks on a background with the Hex color 9A5C00.



This preview shows how white text looks on a background with the Hex color 9A5C00.

# 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**  
9A5C00

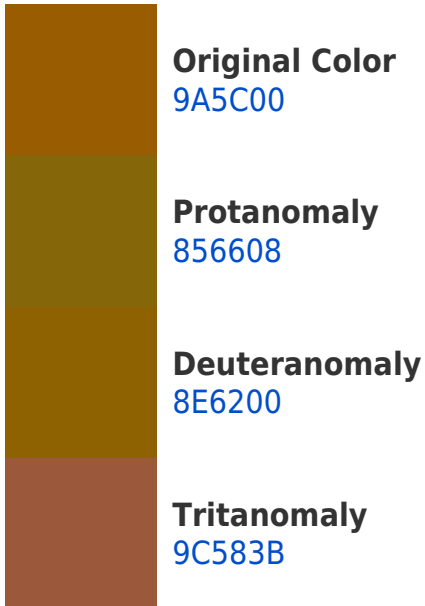
**Protanopia**  
796B0C

**Deuteranopia**  
876600

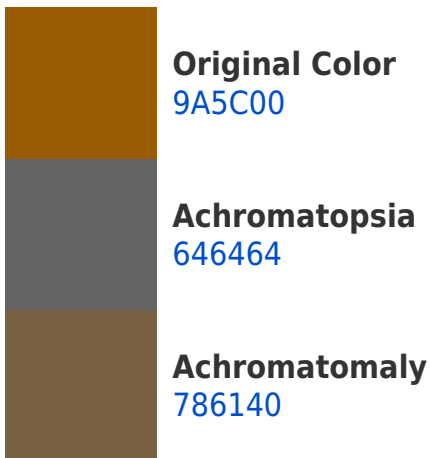


**Tritanopia**  
9D565C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A5C00 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 #9A5C00 looks like.

```
.text, #text, p{  
    color:#9A5C00  
}
```

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 #9A5C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A5C00
}
```

## Border

The CSS property to change the border of an element to Hex 9A5C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

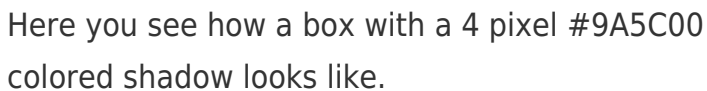
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A5C00 }
```

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

```
.border{ border-color:#9A5C00 }
```

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

A rectangular box with a 4px #9A5C00 colored shadow. The box is white with a thin black border and a thick #9A5C00 shadow on the right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #9A5C00 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A5C00; -webkit-box-shadow:4px 4px  
4px 4px #9A5C00; box-shadow:4px 4px 4px  
4px #9A5C00 }
```

# Background

The CSS property to change the background color of an element to Hex 9A5C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A5C00 }
```

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

```
.background{ background-color:#9A5C00 }
```

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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