

# Converting Colors

Hex(9C2C00)

Have a look what the booklet for  
Hex(9C2C00) contains.

<b>Hex(9C2C00)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9C2C00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C2C00
RGB	156, 44, 0
RGB Percent	61%, 17%, 0%
CMY	0.3882, 0.8275, 1.0000
CMYK	0.00, 0.72, 1.00, 0.39
HSL	17°, 100%, 31%
HSV	17°, 100%, 61%
XYZ	14.6110, 8.8693, 0.9419
YIQ	72.4720, 80.8760, 10.0600

# Conversions

## Conversions Part 2

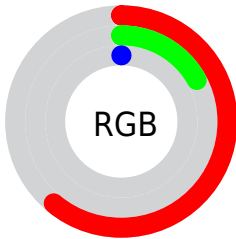
Format	Color
R <sub>Y</sub> B	156, 61, 0
Decimal	10234880
CIE Lab	35.73, 44.86, 48.13
CIE LCh	36, 65.801, 47.013
Yxy	8.8693, 0.5983, 0.3632
Android (android.graphics.Color)	4288424960 (0xFF9C2C00)
YUV	72.4720, -35.7287, 73.2541
Hunter-Lab	29.7813, 35.4563, 18.9718

# Details

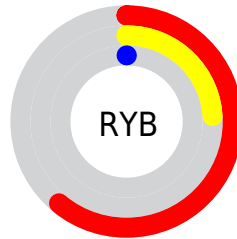
The Hex color **9C2C00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **00709C**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **DA6133**, and **600000** is the 20% darker color. If you saturate the color by 10%, you get **9C2C00**, and if you desaturate by 10%, it is **9C3710**.

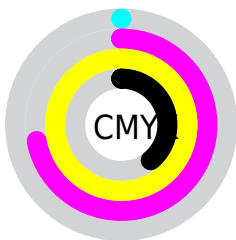
# Distribution



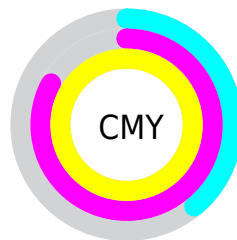
- Red (61%)
- Green (17%)
- Blue (0%)



- Red (61%)
- Yellow (24%)
- Blue (0%)



- Cyan (0%)
- Magenta (72%)
- Yellow (100%)
- Black (39%)



- Cyan (39%)
- Magenta (83%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C2C00 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 9C2C00 by changing the saturation by 10% instead.



 9C2C00

 9C2C00

 FFFFEB

 7E0C00

 DA6133

 600000

 FA7B4B

 430000

 FF9664

 280001

 FFB27D

 000000

 FFCE98

 FFEBB3

 FFFFCE

 9C2C00

 9C3710

 9C421F

 9C4E2F

 9C593E

 9C644E

 9C6F5E

 9C7A6D

 9C867D

 9C918C

# Harmonies

## Analogous

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



AD0039



9C2C00



7A4900

# Triad

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



9C2C00



00683A



0051BB

# Complementary

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



9C2C00



00709C

# 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.



0061BC



9C2C00



006A72

# Square

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



9C2C00



006400



0068A1



79339D

# Rectangle

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



9C2C00



5D5600



0068A1



0057BE



# Sweetspot

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



9C2C00



CCA08F



9C0072



664C41



E6E6E6



666666



# Same Dimension

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



9C2C00



CC3A00



9C7800



4F4947



8F2800



0F0400



# Inverse Universe

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



00709C



0092CC



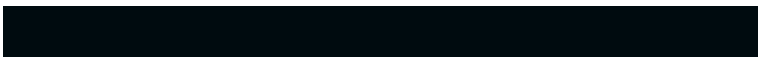
00249C



474D4F



00678F



000B0F



# Previews

## White Background



This preview shows how the Hex color 9C2C00 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

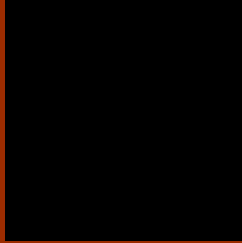
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9C2C00 Background



This preview shows how black text looks on a background with the Hex color 9C2C00.



This preview shows how white text looks on a background with the Hex color 9C2C00.

# 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**  
9C2C00

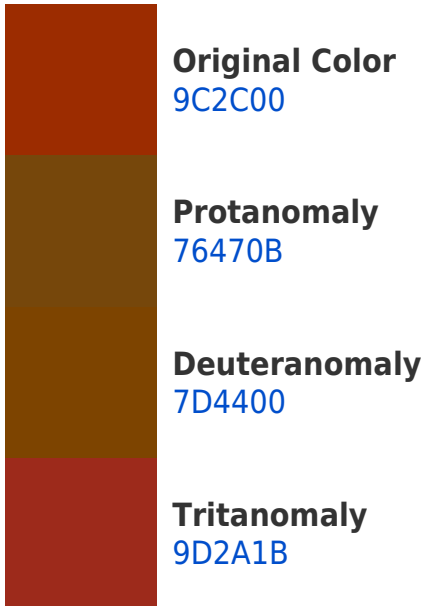
**Protanopia**  
605611

**Deuteranopia**  
6C5100



**Tritanopia**  
9D292B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C2C00 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 #9C2C00 looks like.

```
.text, #text, p{  
    color:#9C2C00  
}
```

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 #9C2C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C2C00  
}
```

## Border

The CSS property to change the border of an element to Hex 9C2C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

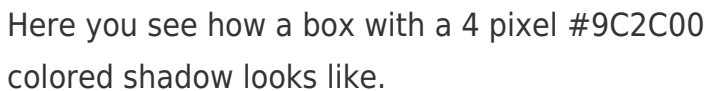
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9C2C00 }
```

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

```
.border{ border-color:#9C2C00 }
```

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



Here you see how a box with a 4 pixel #9C2C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C2C00; -webkit-box-shadow:4px 4px  
4px 4px #9C2C00; box-shadow:4px 4px 4px  
4px #9C2C00 }
```

# Background

The CSS property to change the background color of an element to Hex 9C2C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C2C00 }
```

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

```
.background{ background-color:#9C2C00 }
```

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