

# Converting Colors

Hex(9E2C01)

Have a look what the booklet for  
Hex(9E2C01) contains.

<b>Hex(9E2C01)</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(9E2C01)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E2C01
RGB	158, 44, 1
RGB Percent	62%, 17%, 0%
CMY	0.3804, 0.8275, 0.9961
CMYK	0.00, 0.72, 0.99, 0.38
HSL	16°, 99%, 31%
HSV	16°, 99%, 62%
XYZ	15.0067, 9.0727, 0.9890
YIQ	73.1840, 81.7470, 10.7950

# Conversions

## Conversions Part 2

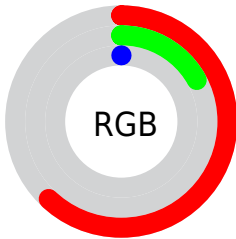
Format	Color
<a href="#">RYB</a>	158, 60, 1
Decimal	10365953
CIELab	36.12, 45.57, 48.14
CIELCh	36, 66.288, 46.571
Yxy	9.0727, 0.5986, 0.3619
Android (android.graphics.Color)	4288556033 (0xFF9E2C01)
YUV	73.1840, -35.5867, 74.3836
Hunter-Lab	30.1209, 36.2202, 19.1379

# Details

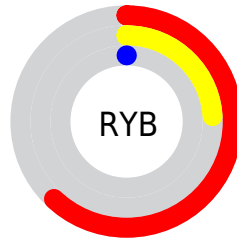
The Hex color **9E2C01** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **01739E**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **DC6134**, and **620000** is the 20% darker color. If you saturate the color by 10%, you get **9E2B00**, and if you desaturate by 10%, it is **9E3711**.

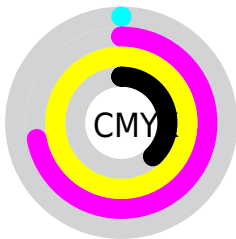
# Distribution



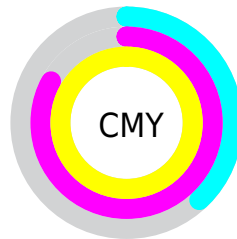
- Red (62%)
- Green (17%)
- Blue (0%)



- Red (62%)
- Yellow (24%)
- Blue (0%)



- Cyan (0%)
- Magenta (72%)
- Yellow (99%)
- Black (38%)



- Cyan (38%)
- Magenta (83%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E2C01 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 9E2C01 by changing the saturation by 10% instead.



 9E2C01

 9E2C01

 FFFFED

 800B00

 DC6134

 620000

 FC7C4C

 440000

 FF9765

 2A0001

 FFB27F

 000000

 FFCF99

 FFEBB4

 FFFF00

 9E2C01

 9E2C01

■ 9E2B00

■ 9E3711

■ 9E4321

■ 9E4E30

■ 9E5A40

■ 9E6550

■ 9E7160

■ 9E7C70

■ 9E887F

■ 9E938F

# Harmonies

## Analogous

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



AF003B



9E2C01



7C4A00

# Triad

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



9E2C01



00693A



0052BD

# Complementary

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



9E2C01



01739E

# 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.



0062BE



9E2C01



006B72

# Square

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



9E2C01



006500



006AA2



79349F

# Rectangle

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



9E2C01



5E5700



006AA2



0059C0



# Sweetspot

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



9E2C01



CFA291



9E0174



694D43



E8E8E8



696969



# Same Dimension

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



9E2C01



CF3900



9E7901



4F4947



8F2700



0F0400



# Inverse Universe

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



01739E



0096CF



01269E



474D4F



00688F



000B0F



# Previews

## White Background



This preview shows how the Hex color 9E2C01 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 9E2C01 Background



This preview shows how black text looks on a background with the Hex color 9E2C01.



This preview shows how white text looks on a background with the Hex color 9E2C01.

# 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**  
9E2C01

**Protanopia**  
615712

**Deuteranopia**  
6D5200



**Tritanopia**  
9F292B

# Trichromacy



**Original Color**  
9E2C01

**Protanomaly**  
77470C

**Deuteranomaly**  
7F4400

**Tritanomaly**  
9F2A1C

# Monochromacy



**Original Color**  
9E2C01

**Achromatopsia**  
494949

**Achromatomaly**  
683E2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E2C01 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 #9E2C01 looks like.

```
.text, #text, p{  
    color:#9E2C01  
}
```

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 #9E2C01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E2C01
}
```

## Border

The CSS property to change the border of an element to Hex 9E2C01 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
#9E2C01 }
```

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

```
.border{ border-color:#9E2C01 }
```

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

Here you see how a box with a 4 pixel #9E2C01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E2C01; -webkit-box-shadow:4px 4px  
4px 4px #9E2C01; box-shadow:4px 4px 4px  
4px #9E2C01 }
```

# Background

The CSS property to change the background color of an element to Hex 9E2C01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E2C01 }
```

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

```
.background{ background-color:#9E2C01 }
```

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