

# Converting Colors

Hex(933C00)

Have a look what the booklet for  
Hex(933C00) contains.

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**Color**

**Hex(933C00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	933C00
RGB	147, 60, 0
RGB Percent	58%, 24%, 0%
CMY	0.4235, 0.7647, 1.0000
CMYK	0.00, 0.59, 1.00, 0.42
HSL	24°, 100%, 29%
HSV	24°, 100%, 58%
XYZ	13.6485, 9.4348, 1.1017
YIQ	79.1730, 71.1120, -0.2160

# Conversions

## Conversions Part 2

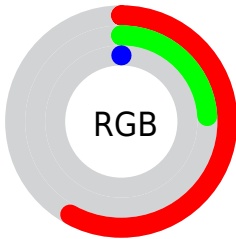
Format	Color
<b>R<sub>YB</sub></b>	147, 101, 0
Decimal	9649152
CIE <sub>Lab</sub>	36.81, 34.21, 47.79
CIE <sub>LCh</sub>	37, 58.772, 54.405
Yxy	9.4348, 0.5643, 0.3901
Android (android.graphics.Color)	4287839232 (0xFF933C00)
YUV	79.1730, -39.0323, 59.4843
Hunter-Lab	30.7161, 25.5622, 19.3746

# Details

The Hex color **933C00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **005793**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **CF6E35**, and **580800** is the 20% darker color. If you saturate the color by 10%, you get **933C00**, and if you desaturate by 10%, it is **93450F**.

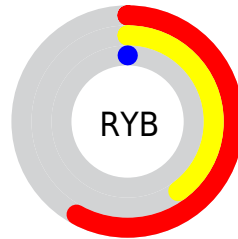
# Distribution



Red (58%)

Green (24%)

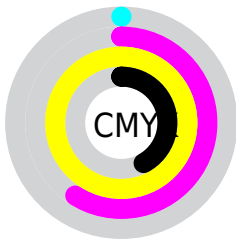
Blue (0%)



Red (58%)

Yellow (40%)

Blue (0%)

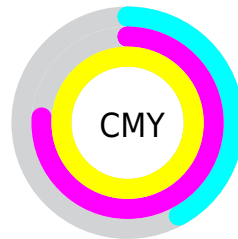


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (76%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 933C00 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 933C00 by changing the saturation by 10% instead.



 933C00

 933C00

 FFFFEF

 762300

 CF6E35

 580800

 EE884D

 3C0000

 FFA366

 220001

 FFBE80

 000000

 FFDA9B

 FFF7B6

 FFFFD2

 933C00

 93450F

 934D1D

 93562C

 935F3B

 93674A

 937058

 937967

 938276

 938A84

# Harmonies

## Analogous

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



A62133



933C00



715200

# Triad

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



933C00



006A4C



3B4EAE

# Complementary

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



933C00



005793

# 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.



005FB6



933C00



006B7D

# Square

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



933C00



006719



0068A4



85348E

# Rectangle

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



933C00



555C00



0068A4



0055B3



# Sweetspot

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



933C00



BF9D86



930058



614C3E



E0E0E0



616161



# Same Dimension

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



933C00



BF4E00



938400



4A4643



8A3800



0A0400



# Inverse Universe

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



005793



0071BF



000F93



43474A



00518A

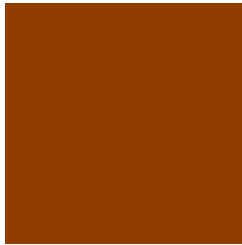


00060A



# Previews

## White Background



This preview shows how the Hex color 933C00 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 933C00 Background



This preview shows how black text looks on a background with the Hex color 933C00.



This preview shows how white text looks on a background with the Hex color 933C00.

# 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**  
933C00

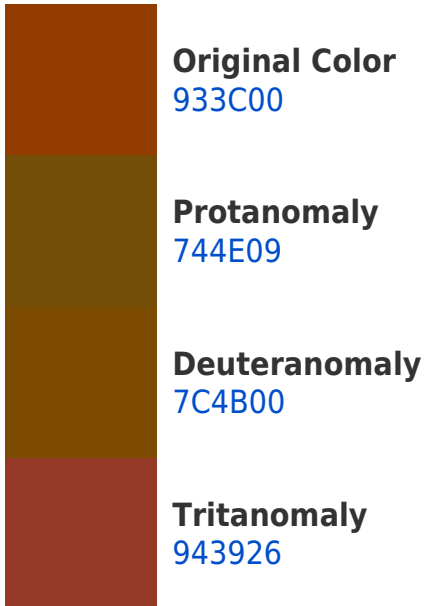
**Protanopia**  
63580E

**Deuteranopia**  
6F5300

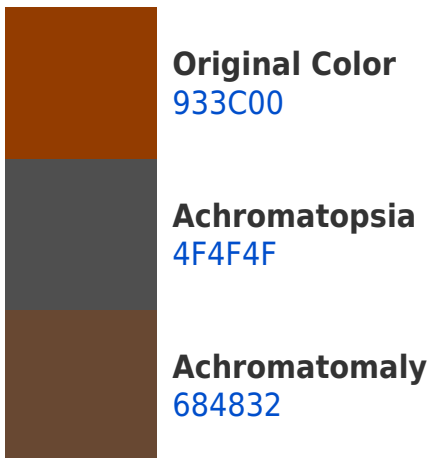


**Tritanopia**  
94383B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 933C00 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 #933C00 looks like.

```
.text, #text, p{  
    color:#933C00  
}
```

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 #933C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #933C00
}
```

## Border

The CSS property to change the border of an element to Hex 933C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

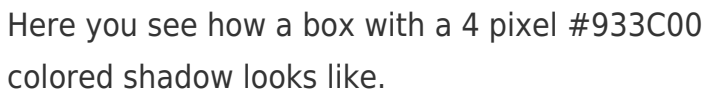
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#933C00 }
```

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

```
.border{ border-color:#933C00 }
```

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



Here you see how a box with a 4 pixel #933C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #933C00; -webkit-box-shadow:4px 4px  
4px 4px #933C00; box-shadow:4px 4px 4px  
4px #933C00 }
```

# Background

The CSS property to change the background color of an element to Hex 933C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#933C00 }
```

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

```
.background{ background-color:#933C00 }
```

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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