

# Converting Colors

Hex(932000)

Have a look what the booklet for  
Hex(932000) contains.

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**Color**

**Hex(932000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	932000
RGB	147, 32, 0
RGB Percent	58%, 13%, 0%
CMY	0.4235, 0.8745, 1.0000
CMYK	0.00, 0.78, 1.00, 0.42
HSL	13°, 100%, 29%
HSV	13°, 100%, 58%
XYZ	12.5491, 7.2361, 0.7353
YIQ	62.7370, 78.8120, 14.4280

# Conversions

## Conversions Part 2

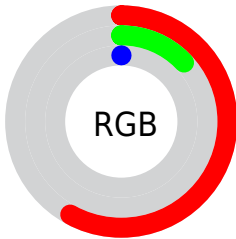
Format	Color
<a href="#">RYB</a>	147, 41, 0
Decimal	9641984
CIELab	32.34, 46.25, 45.24
CIElCh	32, 64.694, 44.369
Yxy	7.2361, 0.6115, 0.3526
Android (android.graphics.Color)	4287832064 (0xFF932000)
YUV	62.7370, -30.9293, 73.8987
Hunter-Lab	26.8999, 36.1974, 17.2093

# Details

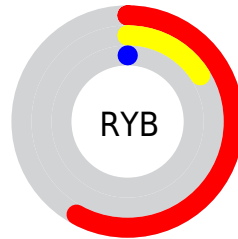
The Hex color **932000** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **007393**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **D15630**, and **570000** is the 20% darker color. If you saturate the color by 10%, you get **932000**, and if you desaturate by 10%, it is **932B0F**.

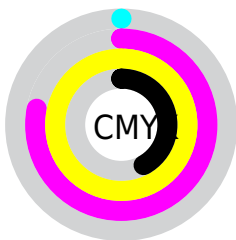
# Distribution



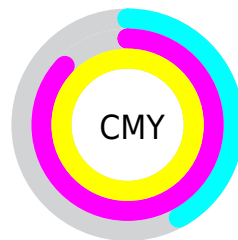
- Red (58%)
- Green (13%)
- Blue (0%)



- Red (58%)
- Yellow (16%)
- Blue (0%)



- Cyan (0%)
- Magenta (78%)
- Yellow (100%)
- Black (42%)



- Cyan (42%)
- Magenta (87%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 932000 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 932000 by changing the saturation by 10% instead.



 932000

 932000

 FFFFE8

 750000

 D15630

 570000

 F07148

 3C0001

 FF8C61

 1A0001

 FFA77A

 000000

 FFC395

 FFE0B0

 FFFDCB

 932000

 932B0F

 93371D

 93432C

 934E3B

 935A4A

 936558

 937167

 937C76

 938884

# Harmonies

## Analogous

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



A10036



932000



734000

# Triad

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



932000



005F2E



004BB1

# Complementary

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



932000



007393

# 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.



005AB0



932000



006164

# Square

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



932000



005B00



006093



6A2F96

# Rectangle

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



932000



574D00



006093



0051B4



# Sweetspot

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



932000



BF9286



930073



61463E



E0E0E0



616161



# Same Dimension

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



932000



BF2A00



936900



4A4443



8A1E00



0A0200



# Inverse Universe

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



007393



0096BF



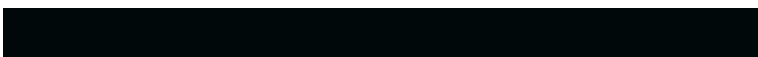
002A93



43484A



006C8A

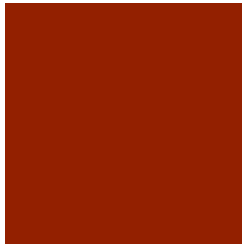


00080A



# Previews

## White Background



This preview shows how the Hex color 932000 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

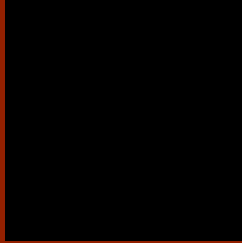
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 932000 Background



This preview shows how black text looks on a background with the Hex color 932000.



This preview shows how white text looks on a background with the Hex color 932000.

# 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



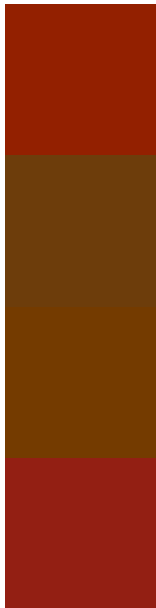
**Original Color**  
932000

**Protanopia**  
574E11

**Deuteranopia**  
624A00



# Trichromacy



**Original Color**  
932000

**Protanomaly**  
6D3D0B

**Deuteranomaly**  
743B00

**Tritanomaly**  
931F13

# Monochromacy



**Original Color**  
932000

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
5E3428

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 932000 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 #932000 looks like.

```
.text, #text, p{  
    color:#932000  
}
```

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 #932000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #932000
}
```

## Border

The CSS property to change the border of an element to Hex 932000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

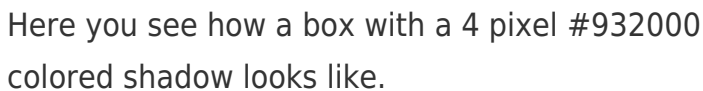
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#932000 }
```

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

```
.border{ border-color:#932000 }
```

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



Here you see how a box with a 4 pixel #932000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #932000; -webkit-box-shadow:4px 4px  
4px 4px #932000; box-shadow:4px 4px 4px  
4px #932000 }
```

# Background

The CSS property to change the background color of an element to Hex 932000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#932000 }
```

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

```
.background{ background-color:#932000 }
```

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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