

# Converting Colors

Hex(932800)

Have a look what the booklet for  
Hex(932800) contains.

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**Color**

**Hex(932800)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	932800
RGB	147, 40, 0
RGB Percent	58%, 16%, 0%
CMY	0.4235, 0.8431, 1.0000
CMYK	0.00, 0.73, 1.00, 0.42
HSL	16°, 100%, 29%
HSV	16°, 100%, 58%
XYZ	12.7914, 7.7206, 0.8160
YIQ	67.4330, 76.6120, 10.2440

# Conversions

## Conversions Part 2

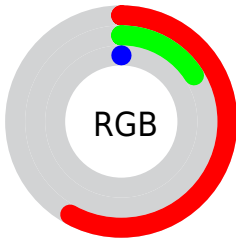
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 55, 0
Decimal	9644032
CIE <sub>Lab</sub>	33.39, 43.32, 45.90
CIE <sub>LCh</sub>	33, 63.120, 46.656
Yxy	7.7206, 0.5997, 0.3620
Android (android.graphics.Color)	4287834112 (0xFF932800)
YUV	67.4330, -33.2445, 69.7803
Hunter-Lab	27.7860, 33.5477, 17.7089

# Details

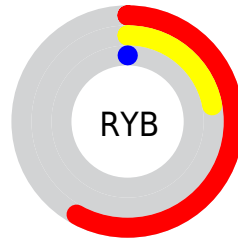
The Hex color **932800** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **006B93**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **D05C31**, and **570000** is the 20% darker color. If you saturate the color by 10%, you get **932800**, and if you desaturate by 10%, it is **93330F**.

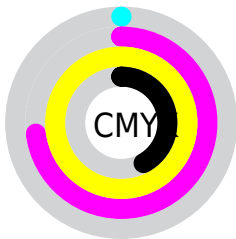
# Distribution



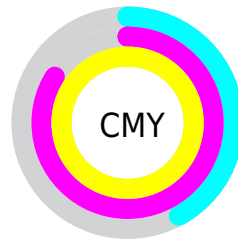
- Red (58%)
- Green (16%)
- Blue (0%)



- Red (58%)
- Yellow (22%)
- Blue (0%)



- Cyan (0%)
- Magenta (73%)
- Yellow (100%)
- Black (42%)



- Cyan (42%)
- Magenta (84%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 932800 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 932800 by changing the saturation by 10% instead.



 932800

 932800

 FFFFE9

 750700

 D05C31

 570000

 F07749

 3C0000

 FF9262

 1C0001

 FFAD7C

 000000

 FFC996

 FFE6B1

 FFFFCD

 932800

 93330F

 933D1D

 93482C

 93533B

 935D4A

 936858

 937367

 937E76

 938884

# Harmonies

## Analogous

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



A30036



932800



734400

# Triad

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



932800



006236



004CB0

# Complementary

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



932800



006B93

# 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.



005BB1



932800



00636A

# Square

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



932800



005E00



006297



713094

# Rectangle

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



932800



575000



006297



0052B4



# Sweetspot

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



932800



BF9586



93006C



61483E



E0E0E0



616161



# Same Dimension

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



932800



BF3400



937100



4A4543



8A2500



0A0300



# Inverse Universe

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



006B93



008BBF



002293



43484A



00648A

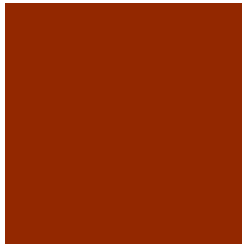


00070A



# Previews

## White Background



This preview shows how the Hex color 932800 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

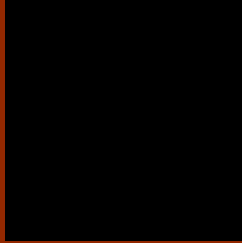
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 932800 Background



This preview shows how black text looks on a background with the Hex color 932800.



This preview shows how white text looks on a background with the Hex color 932800.

# 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



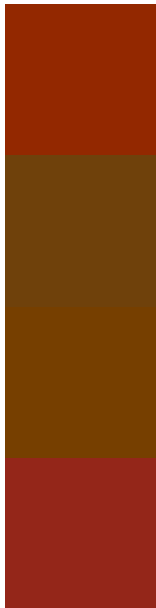
**Original Color**  
932800

**Protanopia**  
5A5011

**Deuteranopia**  
654C00



# Trichromacy



**Original Color**  
932800

**Protanomaly**  
6F410B

**Deuteranomaly**  
763F00

**Tritanomaly**  
942619

# Monochromacy



**Original Color**  
932800

**Achromatopsia**  
434343

**Achromatomaly**  
60392B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 932800 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 #932800 looks like.

```
.text, #text, p{  
  color:#932800  
}
```

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 #932800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #932800 }  
}
```

## Border

The CSS property to change the border of an element to Hex 932800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

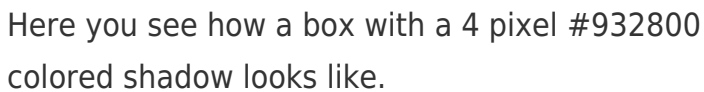
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #932800 }  
}
```

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

```
.border{ border-color:#932800 }
```

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



Here you see how a box with a 4 pixel #932800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #932800; -webkit-box-shadow:4px 4px  
4px 4px #932800; box-shadow:4px 4px 4px  
4px #932800 }
```

# Background

The CSS property to change the background color of an element to Hex 932800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#932800 }
```

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

```
.background{ background-color:#932800 }
```

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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