

Converting Colors

Hex(934900)

Have a look what the booklet for
Hex(934900) contains.

Hex(934900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(934900)

Conversions

Conversions Part 1

Format	Color
Hex	934900
RGB	147, 73, 0
RGB Percent	58%, 29%, 0%
CMY	0.4235, 0.7137, 1.0000
CMYK	0.00, 0.50, 1.00, 0.42
HSL	30°, 100%, 29%
HSV	30°, 100%, 58%
XYZ	14.4152, 10.9681, 1.3573
YIQ	86.8040, 67.5370, -7.0150

Conversions

Conversions Part 2

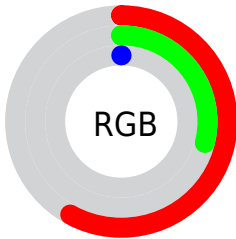
Format	Color
R_{YB}	147, 145, 0
Decimal	9652480
CIE Lab	39.53, 27.30, 49.36
CIE LCh	40, 56.410, 61.052
Yxy	10.9681, 0.5391, 0.4102
Android (android.graphics.Color)	4287842560 (0xFF934900)
YUV	86.8040, -42.7944, 52.7919
Hunter-Lab	33.1182, 19.7379, 20.7528

Details

The Hex color **934900** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **004A93**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **CF7B37**, and **591A00** is the 20% darker color. If you saturate the color by 10%, you get **934900**, and if you desaturate by 10%, it is **93500F**.

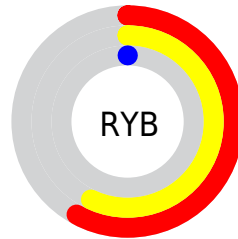
Distribution



Red (58%)

Green (29%)

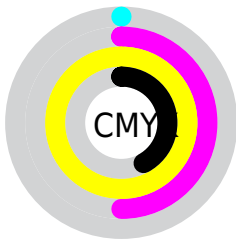
Blue (0%)



Red (58%)

Yellow (57%)

Blue (0%)

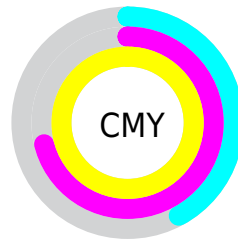


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 934900 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 934900 by changing the saturation by 10% instead.

 934900

 934900

 FFFFF3

 763100

 CF7B37

 591A00

 ED9550

 3E0300

 FFB069

 270001

 FFCB84

 000000

 FFE89E

 FFFFBA

 FFFF66

 934900

 93500F

 93581D

 935F2C

 93673B

 936E4A

 937558

 937D67

 938476

 938C84

Harmonies

Analogous

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



A93231



934900



705C00

Triad

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



934900



00715D



5B50AD

Complementary

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



934900



004A93

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.



0062BA



934900



00718C

Square

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



934900



006E2D



006DAE



94388A

Rectangle

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



934900



526400



006DAE



3957B4

Sweetspot

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



934900



BFA286



93004C



614F3E



E0E0E0



616161

Same Dimension

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



934900



BF5F00



939100



4A4643



8A4400



0A0500

Inverse Universe

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



004A93



0060BF



000293



43464A



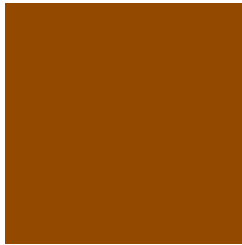
00458A



00050A

Previews

White Background



This preview shows how the Hex color 934900 looks on a white background.

Color Contrast Check

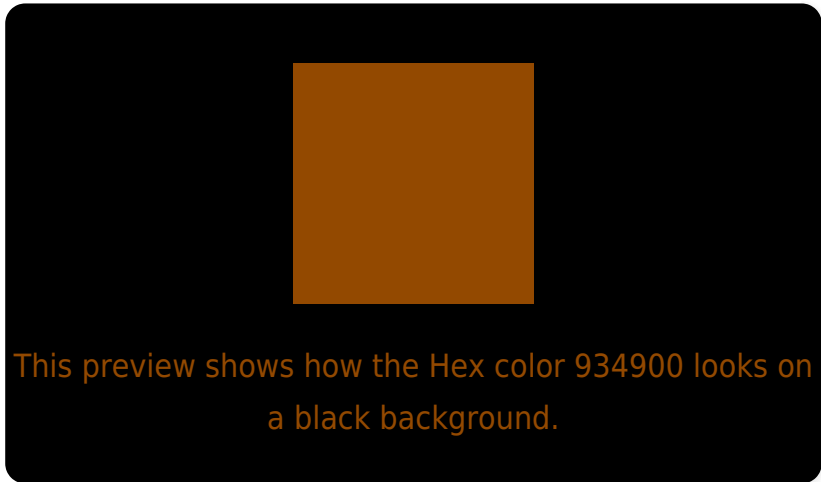
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 934900 Background



This preview shows how black text looks on a background with the Hex color 934900.



This preview shows how white text looks on a background with the Hex color 934900.

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
934900

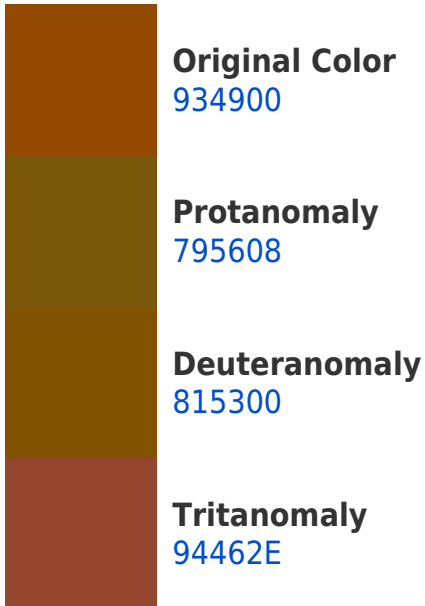
Protanopia
6A5E0D

Deuteranopia
775900

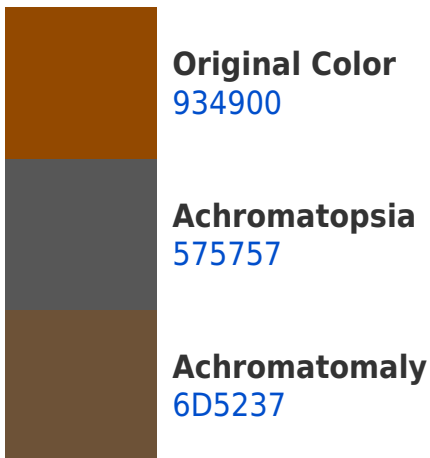


Tritanopia
954449

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 934900 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 #934900 looks like.

```
.text, #text, p{  
    color:#934900  
}
```

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 #934900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #934900
}
```

Border

The CSS property to change the border of an element to Hex 934900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

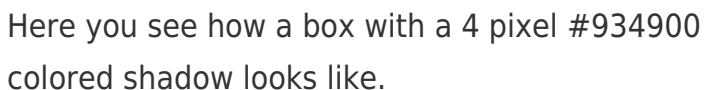
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#934900 }
```

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

```
.border{ border-color:#934900 }
```

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



Here you see how a box with a 4 pixel #934900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #934900; -webkit-box-shadow:4px 4px  
4px 4px #934900; box-shadow:4px 4px 4px  
4px #934900 }
```

Background

The CSS property to change the background color of an element to Hex 934900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#934900 }
```

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

```
.background{ background-color:#934900 }
```

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