

# Converting Colors

Hex(953300)

Have a look what the booklet for  
Hex(953300) contains.

<b>Hex(953300)</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(953300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	953300
RGB	149, 51, 0
RGB Percent	58%, 20%, 0%
CMY	0.4157, 0.8000, 1.0000
CMYK	0.00, 0.66, 1.00, 0.42
HSL	21°, 100%, 29%
HSV	21°, 100%, 58%
XYZ	13.5783, 8.7572, 0.9747
YIQ	74.4880, 74.7790, 4.9150

# Conversions

## Conversions Part 2

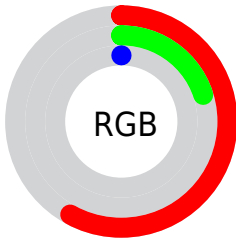
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 78, 0
Decimal	9777920
CIE Lab	35.51, 39.34, 47.29
CIE LCh	36, 61.514, 50.240
Yxy	8.7572, 0.5825, 0.3757
Android (android.graphics.Color)	4287968000 (0xFF953300)
YUV	74.4880, -36.7226, 65.3470
Hunter-Lab	29.5926, 30.1158, 18.7620

# Details

The Hex color **953300** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **006295**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **D26633**, and **5A0000** is the 20% darker color. If you saturate the color by 10%, you get **953300**, and if you desaturate by 10%, it is **953D0F**.

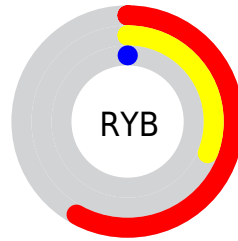
# Distribution



Red (58%)

Green (20%)

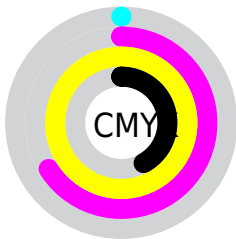
Blue (0%)



Red (58%)

Yellow (31%)

Blue (0%)

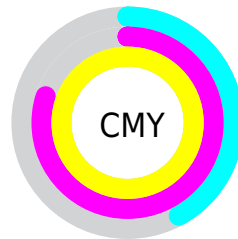


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (80%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 953300 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 953300 by changing the saturation by 10% instead.



 953300

 953300

 FFFFEC

 771800

 D26633

 5A0000

 F1804B

 3D0000

 FF9B64

 220001

 FFB67E

 000000

 FFD299

 FFEFB4

 FFFF00

 953300

 953D0F

 95471E

 95502D

 955A3C

 95644B

 956E59

 957868

 958177

 958B86

# Harmonies

## Analogous

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



A70F35



953300



744C00

# Triad

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



953300



006741



144EB1

# Complementary

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



953300



006295

# 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



953300



006874

# Square

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



953300



006306



00669F



7D3293

# Rectangle

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



953300



585700



00669F



0055B6



# Sweetspot

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



953300



C29C88



950063



614A3E



E0E0E0



616161



# Same Dimension

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



953300



C24200



957C00



4A4543



8A2F00



0A0300



# Inverse Universe

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



006295



007FC2



001995



43474A



005B8A



00070A



# Previews

## White Background



This preview shows how the Hex color 953300 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

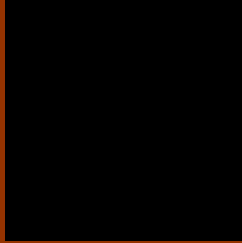
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 953300 Background



This preview shows how black text looks on a background with the Hex color 953300.



This preview shows how white text looks on a background with the Hex color 953300.

# 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



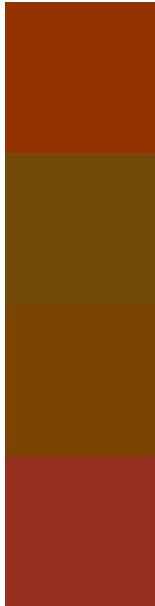
**Original Color**  
953300

**Protanopia**  
5F5510

**Deuteranopia**  
6B5000



# Trichromacy



**Original Color**  
953300

**Protanomaly**  
73490A

**Deuteranomaly**  
7A4500

**Tritanomaly**  
963120

# Monochromacy



**Original Color**  
953300

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
65422F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 953300 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 #953300 looks like.

```
.text, #text, p{  
    color:#953300  
}
```

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 #953300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #953300
}
```

## Border

The CSS property to change the border of an element to Hex 953300 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".

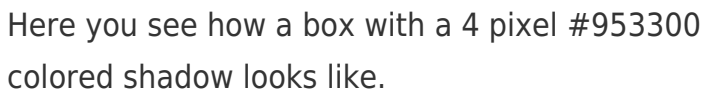
```
.border, #border, table{ border:4px solid
#953300 }
```

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

```
.border{ border-color:#953300 }
```

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

Here you see how a box with a 4 pixel #953300 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #953300; -webkit-box-shadow:4px 4px  
4px 4px #953300; box-shadow:4px 4px 4px  
4px #953300 }
```

# Background

The CSS property to change the background color of an element to Hex 953300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#953300 }
```

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

```
.background{ background-color:#953300 }
```

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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