

# Converting Colors

Hex(953017)

Have a look what the booklet for  
Hex(953017) contains.

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**Color**

**Hex(953017)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	953017
RGB	149, 48, 23
RGB Percent	58%, 19%, 9%
CMY	0.4157, 0.8118, 0.9098
CMYK	0.00, 0.68, 0.85, 0.42
HSL	12°, 73%, 34%
HSV	12°, 85%, 58%
XYZ	13.6060, 8.5653, 1.7468
YIQ	75.3490, 68.2210, 13.6370

# Conversions

## Conversions Part 2

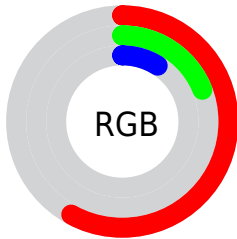
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 54, 23
Decimal	9777175
CIE Lab	35.13, 41.15, 37.72
CIE LCh	35, 55.825, 42.506
Yxy	8.5653, 0.5689, 0.3581
Android (android.graphics.Color)	4287967255 (0xFF953017)
YUV	75.3490, -25.8081, 64.5919
Hunter-Lab	29.2666, 31.7681, 16.9479

# Details

The Hex color **953017** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **177C95**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **D16445**, and **5A0000** is the 20% darker color. If you saturate the color by 10%, you get **952408**, and if you desaturate by 10%, it is **953C26**.

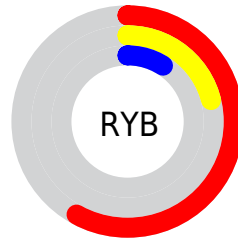
# Distribution



Red (58%)

Green (19%)

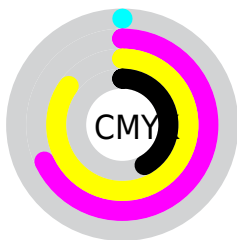
Blue (9%)



Red (58%)

Yellow (21%)

Blue (9%)

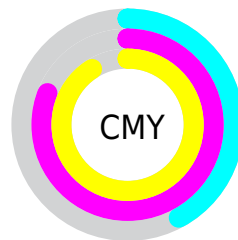


Cyan (0%)

Magenta (68%)

Yellow (85%)

Black (42%)



Cyan (42%)

Magenta (81%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 953017 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 953017 by changing the saturation by 10% instead.



 953017

 953017

FFFFFF

 781400

 D16445

 5A0000

 F07E5D

 3E0000

 FF9976

 220001

 FFB490

 000000

 FFD0AA

 FFEDC6

 FFFFE2

 953017

 953017

■ 952408

■ 953C26

■ 951E00

■ 954835

■ 955444

■ 956053

■ 956C62

■ 957870

■ 95847F

■ 95908E

■ 959B9D

# Harmonies

## Analogous

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



A01A42



953017



7A4700

# Triad

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



953017



006436



0052AB

# Complementary

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



953017



177C95

# 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.



005FA8



953017



006665

# Square

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



953017



1C6000



00658E



6A3D95

# Rectangle

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



953017



625200



00658E



0057AD



# Sweetspot

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



953017



C29B91



95177E



614A44



E0E0E0



616161



# Same Dimension

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



953017



C22600



956D17



4A4443



8A1B00



0A0200



# Inverse Universe

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



177C95



009BC2



173F95



43484A



006E8A



00080A



# Previews

## White Background



This preview shows how the Hex color 953017 looks on a white background.

## Color Contrast Check

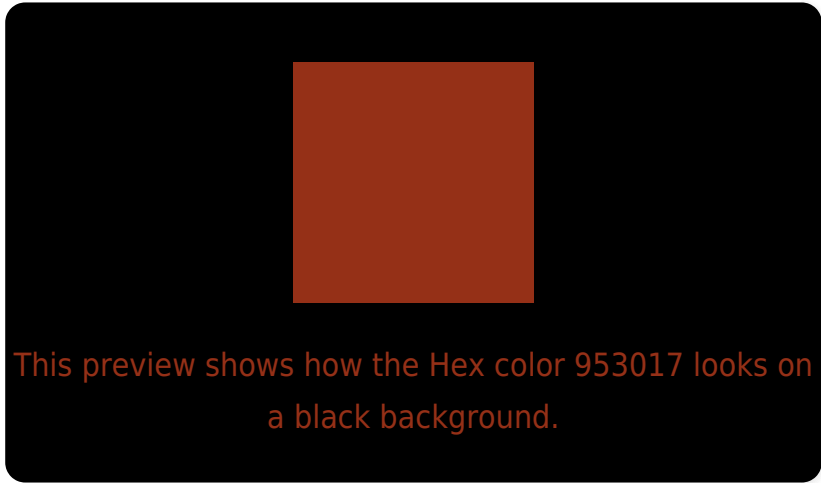
Large Text (above 18pt) WCAG AA ✓ Pass

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 953017 Background



This preview shows how black text looks on a background with the Hex color 953017.



This preview shows how white text looks on a background with the Hex color 953017.

# 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**  
953017

**Protanopia**  
5D5420

**Deuteranopia**  
6A4F08



**Tritanopia**  
962D30

# Trichromacy



**Original Color**  
953017

**Protanomaly**  
71471D

**Deuteranomaly**  
7A440D

**Tritanomaly**  
962E27

# Monochromacy



**Original Color**  
953017

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
664138

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 953017 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 #953017 looks like.

```
.text, #text, p{  
    color:#953017  
}
```

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 #953017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #953017 } }
```

## Border

The CSS property to change the border of an element to Hex 953017 is called "border". The border property can be set on classes, ids or directly on the HTML element.

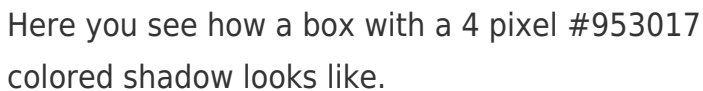
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #953017 } }
```

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

```
.border{ border-color:#953017 }
```

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



Here you see how a box with a 4 pixel #953017 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #953017; -webkit-box-shadow:4px 4px  
4px 4px #953017; box-shadow:4px 4px 4px  
4px #953017 }
```

# Background

The CSS property to change the background color of an element to Hex 953017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#953017 }
```

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

```
.background{ background-color:#953017 }
```

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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