

# Converting Colors

Hex(953F1F)

Have a look what the booklet for  
Hex(953F1F) contains.

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**Color**

**Hex(953F1F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	953F1F
RGB	149, 63, 31
RGB Percent	58%, 25%, 12%
CMY	0.4157, 0.7529, 0.8784
CMYK	0.00, 0.58, 0.79, 0.42
HSL	16°, 66%, 35%
HSV	16°, 79%, 58%
XYZ	14.4193, 10.0435, 2.4749
YIQ	85.0660, 61.5280, 8.2800

# Conversions

## Conversions Part 2

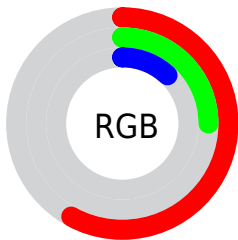
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 75, 31
Decimal	9781023
CIE <sub>Lab</sub>	37.92, 34.25, 36.31
CIE <sub>LCh</sub>	38, 49.918, 46.672
Yxy	10.0435, 0.5353, 0.3728
Android (android.graphics.Color)	4287971103 (0xFF953F1F)
YUV	85.0660, -26.6545, 56.0701
Hunter-Lab	31.6915, 25.7553, 17.5538

# Details

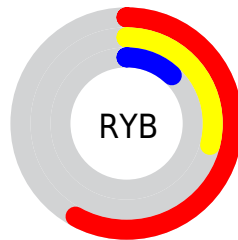
The Hex color **953F1F** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1F7595**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **D0714D**, and **5C0C00** is the 20% darker color. If you saturate the color by 10%, you get **953410**, and if you desaturate by 10%, it is **954A2E**.

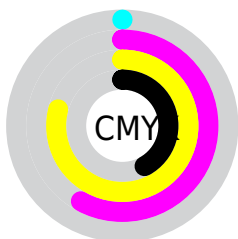
# Distribution



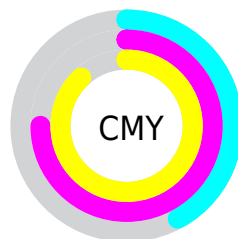
- Red (58%)
- Green (25%)
- Blue (12%)



- Red (58%)
- Yellow (29%)
- Blue (12%)



- Cyan (0%)
- Magenta (58%)
- Yellow (79%)
- Black (42%)



- Cyan (42%)
- Magenta (75%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 953F1F 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 953F1F by changing the saturation by 10% instead.



 953F1F

 953F1F

FFFFFF

 782708

 D0714D

 5C0C00

 EF8B66

 3F0000

 FFA67F

 270001

 FFC299

 000000

 FFDEB4

 FFFBD0

 FFFFED

 953F1F

 953F1F

■ 953410

■ 954A2E

■ 952901

■ 95553D

■ 952800

■ 95604C

■ 956A5B

■ 95756A

■ 958078

■ 958B87

■ 959696

■ 95A1A5

# Harmonies

## Analogous

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



A13045



953F1F



7B5100

# Triad

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



953F1F



006B45



2D56A7

# Complementary

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



953F1F



1F7595

# 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.



0063A8



953F1F



006C6F

# Square

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



953F1F



24661C



006A93



774491

# Rectangle

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



953F1F



645A00



006A93



005BAA



# Sweetspot

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



953F1F



C2A093



951F76



614C45



E0E0E0



616161



# Same Dimension

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



953F1F



C23C0A



95791F



4A4543



8A2500



0A0300



# Inverse Universe

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



1F7595



0A90C2



1F3B95



43484A



00648A



00070A



# Previews

## White Background



This preview shows how the Hex color 953F1F looks on a white background.

## Color Contrast Check

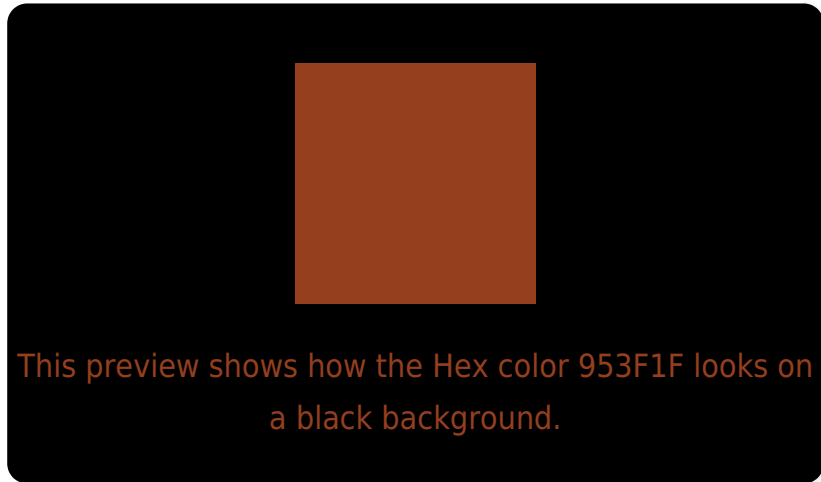
Large Text (above 18pt) WCAG AA ✓ Pass

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 953F1F Background



This preview shows how black text looks on a background with the Hex color 953F1F.



This preview shows how white text looks on a background with the Hex color 953F1F.

# 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**  
953F1F

**Protanopia**  
645A27

**Deuteranopia**  
715518



**Tritanopia**  
963B3F

# Trichromacy



**Original Color**  
953F1F

**Protanomaly**  
765024

**Deuteranomaly**  
7E4D1B

**Tritanomaly**  
963C33

# Monochromacy



**Original Color**  
953F1F

**Achromatopsia**  
555555

**Achromatomaly**  
6C4D41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 953F1F 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 #953F1F looks like.

```
.text, #text, p{  
    color:#953F1F  
}
```

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 #953F1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #953F1F
}
```

## Border

The CSS property to change the border of an element to Hex 953F1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

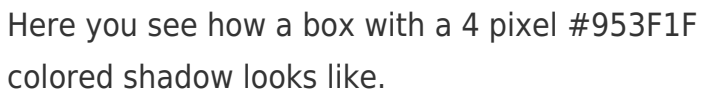
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#953F1F }
```

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

```
.border{ border-color:#953F1F }
```

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



Here you see how a box with a 4 pixel #953F1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #953F1F; -webkit-box-shadow:4px 4px  
4px 4px #953F1F; box-shadow:4px 4px 4px  
4px #953F1F }
```

# Background

The CSS property to change the background color of an element to Hex 953F1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#953F1F }
```

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

```
.background{ background-color:#953F1F }
```

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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