

# Converting Colors

Hex(913D1F)

Have a look what the booklet for  
Hex(913D1F) contains.

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**Color**

**Hex(913D1F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	913D1F
RGB	145, 61, 31
RGB Percent	57%, 24%, 12%
CMY	0.4314, 0.7608, 0.8784
CMYK	0.00, 0.58, 0.79, 0.43
HSL	16°, 65%, 35%
HSV	16°, 79%, 57%
XYZ	13.5931, 9.4562, 2.4051
YIQ	82.6960, 59.6940, 8.4780

# Conversions

## Conversions Part 2

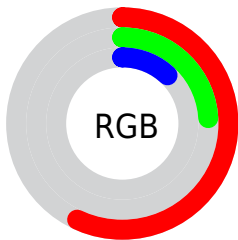
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 72, 31
Decimal	9518367
CIE <sub>Lab</sub>	36.85, 33.68, 35.00
CIE <sub>LCh</sub>	37, 48.575, 46.101
Yxy	9.4562, 0.5340, 0.3715
Android (android.graphics.Color)	4287708447 (0xFF913D1F)
YUV	82.6960, -25.4861, 54.6406
Hunter-Lab	30.7509, 25.0902, 16.8884

# Details

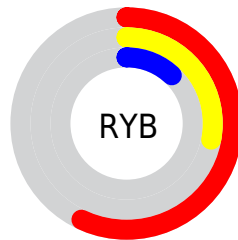
The Hex color **913D1F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1F7391**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **CC6F4D**, and **580A00** is the 20% darker color. If you saturate the color by 10%, you get **913211**, and if you desaturate by 10%, it is **91482D**.

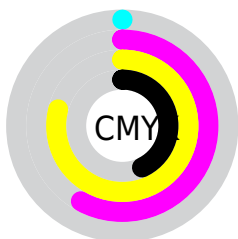
# Distribution



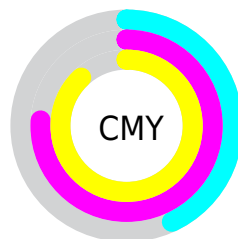
- Red (57%)
- Green (24%)
- Blue (12%)



- Red (57%)
- Yellow (28%)
- Blue (12%)



- Cyan (0%)
- Magenta (58%)
- Yellow (79%)
- Black (43%)



- Cyan (43%)
- Magenta (76%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 913D1F 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 913D1F by changing the saturation by 10% instead.



 913D1F

 913D1F

FFFFFF

 742508

 CC6F4D

 580A00

 EA8965

 3C0000

 FFA47F

 220001

 FFC099

 000000

 FFDCB4

 FFF9D0

 FFFFEC

 913D1F

 913D1F

■ 913211

■ 91482D

■ 912802

■ 91523C

■ 912600

■ 915D4B

■ 916859

■ 917268

■ 917D76

■ 918885

■ 919293

■ 919DA2

# Harmonies

## Analogous

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



9C2E43



913D1F



784E00

# Triad

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



913D1F



006743



2A54A2

# Complementary

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



913D1F



1F7391

# 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.



0060A3



913D1F



00696B

# Square

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



913D1F



25631B



00678E



73428D

# Rectangle

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



913D1F



625800



00678E



0059A5



# Sweetspot

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



913D1F



BD9B8F



911F74



5E4A43



DEDEDE



5E5E5E



# Same Dimension

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



913D1F



BD3A0B



91741F



474240



872400



080200



# Inverse Universe

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



1F7391



0B8EBD



1F3C91



404647



006487



000608



# Previews

## White Background



This preview shows how the Hex color 913D1F looks on a white background.

## Color Contrast Check

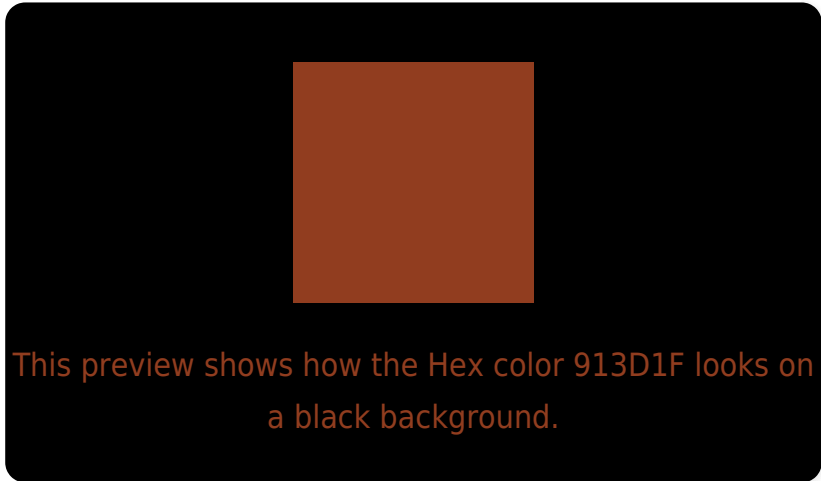
Large Text (above 18pt) WCAG AA ✓ Pass

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 913D1F Background



This preview shows how black text looks on a background with the Hex color 913D1F.



This preview shows how white text looks on a background with the Hex color 913D1F.

# 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**  
913D1F

**Protanopia**  
615826

**Deuteranopia**  
6E5318



**Tritanopia**  
923A3D

# Trichromacy



**Original Color**  
913D1F

**Protanomaly**  
724E23

**Deuteranomaly**  
7B4B1B

**Tritanomaly**  
923B32

# Monochromacy



**Original Color**  
913D1F

**Achromatopsia**  
535353

**Achromatomaly**  
6A4B40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 913D1F 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 #913D1F looks like.

```
.text, #text, p{  
    color:#913D1F  
}
```

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 #913D1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #913D1F
}
```

## Border

The CSS property to change the border of an element to Hex 913D1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

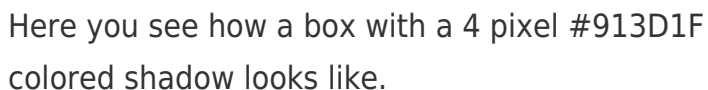
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#913D1F }
```

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

```
.border{ border-color:#913D1F }
```

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



Here you see how a box with a 4 pixel #913D1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #913D1F; -webkit-box-shadow:4px 4px  
4px 4px #913D1F; box-shadow:4px 4px 4px  
4px #913D1F }
```

# Background

The CSS property to change the background color of an element to Hex 913D1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#913D1F }
```

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

```
.background{ background-color:#913D1F }
```

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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