

Converting Colors

Hex(97411D)

Have a look what the booklet for
Hex(97411D) contains.

Hex(97411D)	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(97411D)

Conversions

Conversions Part 1

Format	Color
Hex	97411D
RGB	151, 65, 29
RGB Percent	59%, 25%, 11%
CMY	0.4078, 0.7451, 0.8863
CMYK	0.00, 0.57, 0.81, 0.41
HSL	18°, 68%, 35%
HSV	18°, 81%, 59%
XYZ	14.8746, 10.4486, 2.3952
YIQ	86.6100, 62.8120, 7.0360

Conversions

Conversions Part 2

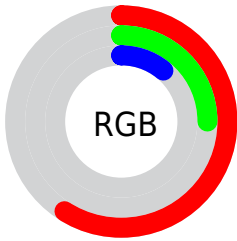
Format	Color
R_{YB}	151, 80, 29
Decimal	9912605
CIE _{Lab}	38.64, 33.95, 38.16
CIE _{LCh}	39, 51.075, 48.344
Yxy	10.4486, 0.5366, 0.3770
Android (android.graphics.Color)	4288102685 (0xFF97411D)
YUV	86.6100, -28.4017, 56.4700
Hunter-Lab	32.3243, 25.5722, 18.2337

Details

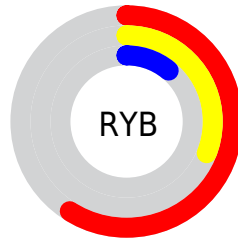
The Hex color **97411D** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1D7397**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **D3734C**, and **5D0F00** is the 20% darker color. If you saturate the color by 10%, you get **97360E**, and if you desaturate by 10%, it is **974C2C**.

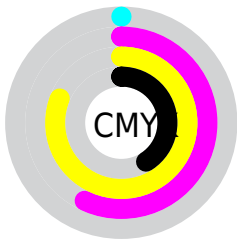
Distribution



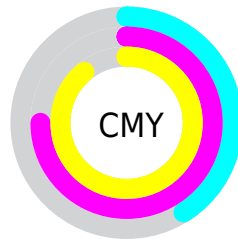
- Red (59%)
- Green (25%)
- Blue (11%)



- Red (59%)
- Yellow (31%)
- Blue (11%)



- Cyan (0%)
- Magenta (57%)
- Yellow (81%)
- Black (41%)



- Cyan (41%)
- Magenta (75%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97411D 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 97411D by changing the saturation by 10% instead.

 97411D

 97411D

FFFFFF

 7A2905

 D3734C

 5D0F00

 F18E64

 410000

 FFA87D

 290001

 FFC498

 000000

 FFE0B3

 FFFDCE

 FFFFEB

 97411D

 97411D

■ 97360E

■ 974C2C

■ 972D00

■ 97563B

■ 97614A

■ 976C59

■ 977668

■ 978178

■ 978C87

■ 979696

■ 97A1A5

Harmonies

Analogous

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



A43044



97411D



7B5300

Triad

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



97411D



006D49



3457AA

Complementary

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



97411D



1D7397

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.



0065AC



97411D



006E74

Square

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



97411D



1F691F



006C98



7C4393

Rectangle

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



97411D



645D00



006C98



005CAE

Sweetspot

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



97411D



C4A395



971D74



634F47



E3E3E3



636363

Same Dimension

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



97411D



C43E06



977D1D



4D4745



8C2900



0D0400

Inverse Universe

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



1D7397



068CC4



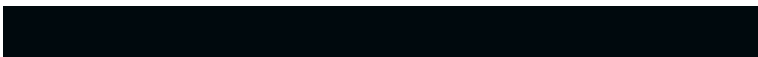
1D3797



454A4D



00638C



00090D

Previews

White Background



This preview shows how the Hex color 97411D looks on a white background.

Color Contrast Check

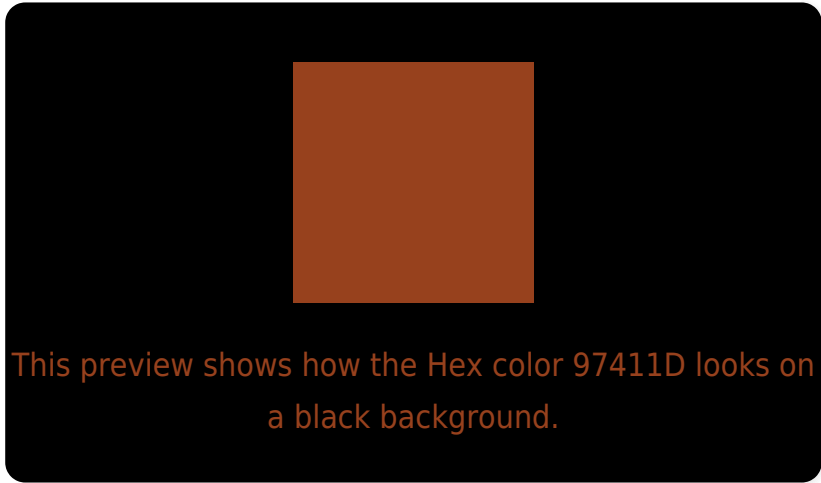
Large Text (above 18pt) WCAG AA ✓ Pass

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 97411D Background



This preview shows how black text looks on a background with the Hex color 97411D.



This preview shows how white text looks on a background with the Hex color 97411D.

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
97411D

Protanopia
665C24

Deuteranopia
745715



Tritanopia
983D41

Trichromacy



Original Color
97411D

Protanomaly
785221

Deuteranomaly
814F18

Tritanomaly
983E34

Monochromacy



Original Color
97411D

Achromatopsia
575757

Achromatomaly
6E4F42

CSS Examples

Text

The CSS property to change the color of the text to Hex 97411D 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 #97411D looks like.

```
.text, #text, p{  
    color:#97411D  
}
```

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 #97411D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97411D
}
```

Border

The CSS property to change the border of an element to Hex 97411D is called "border". The border property can be set on classes, ids or directly on the HTML element.

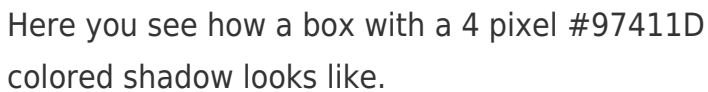
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#97411D }
```

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

```
.border{ border-color:#97411D }
```

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



Here you see how a box with a 4 pixel #97411D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97411D; -webkit-box-shadow:4px 4px  
4px 4px #97411D; box-shadow:4px 4px 4px  
4px #97411D }
```

Background

The CSS property to change the background color of an element to Hex 97411D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97411D }
```

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

```
.background{ background-color:#97411D }
```

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