

# Converting Colors

Hex(9B3724)

Have a look what the booklet for  
Hex(9B3724) contains.

<b>Hex(9B3724)</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(9B3724)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B3724
RGB	155, 55, 36
RGB Percent	61%, 22%, 14%
CMY	0.3922, 0.7843, 0.8588
CMYK	0.00, 0.65, 0.77, 0.39
HSL	10°, 62%, 37%
HSV	10°, 77%, 61%
XYZ	15.2022, 9.8283, 2.7649
YIQ	82.7340, 65.6990, 15.2910

# Conversions

## Conversions Part 2

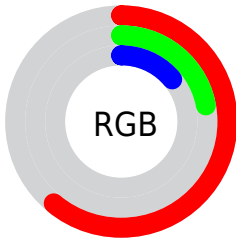
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 59, 36
Decimal	10172196
CIE <sub>Lab</sub>	37.53, 40.67, 33.51
CIE <sub>LCh</sub>	38, 52.696, 39.491
Yxy	9.8283, 0.5469, 0.3536
Android (android.graphics.Color)	4288362276 (0xFF9B3724)
YUV	82.7340, -23.0399, 63.3773
Hunter-Lab	31.3501, 31.6948, 16.7161

# Details

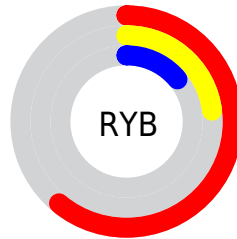
The Hex color **9B3724** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **24889B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **D76A52**, and **610000** is the 20% darker color. If you saturate the color by 10%, you get **9B2A15**, and if you desaturate by 10%, it is **9B4434**.

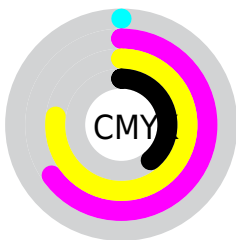
# Distribution



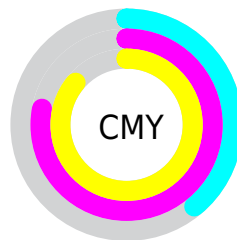
- Red (61%)
- Green (22%)
- Blue (14%)



- Red (61%)
- Yellow (23%)
- Blue (14%)



- Cyan (0%)
- Magenta (65%)
- Yellow (77%)
- Black (39%)



- Cyan (39%)
- Magenta (78%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B3724 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 9B3724 by changing the saturation by 10% instead.



 9B3724

 9B3724

FFFFFF

 7E1C0E

 D76A52

 610000

 F6856A

 440000

 FFA084

 2B0001

 FFBC9E

 000000

 FFD8B9

 FFF5D5

 FFFFF1

 9B3724

 9B3724

■ 9B2A15

■ 9B4434

■ 9B1D05

■ 9B5143

■ 9B1900

■ 9B5E53

■ 9B6B62

■ 9B7872

■ 9B8581

■ 9B9291

■ 9B9FA0

■ 9BACB0

# Harmonies

## Analogous

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



A3284D



9B3724



824B00

# Triad

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



9B3724



006939



0059AD

# Complementary

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



9B3724



24889B

# 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.



0065A8



9B3724



006B65

# Square

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



9B3724



2F640A



006A8E



6A469B

# Rectangle

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



9B3724



6C5600



006A8E



005EAE



# Sweetspot

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



9B3724



C9A39B



9B2489



664E49



E6E6E6



666666



# Same Dimension

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



9B3724



C92E10



9B7124



4D4645



8C1600



0D0200



# Inverse Universe

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



24889B



10ACC9



244E9B



454B4D



00768C



000B0D



# Previews

## White Background



This preview shows how the Hex color 9B3724 looks on a white background.

## Color Contrast Check

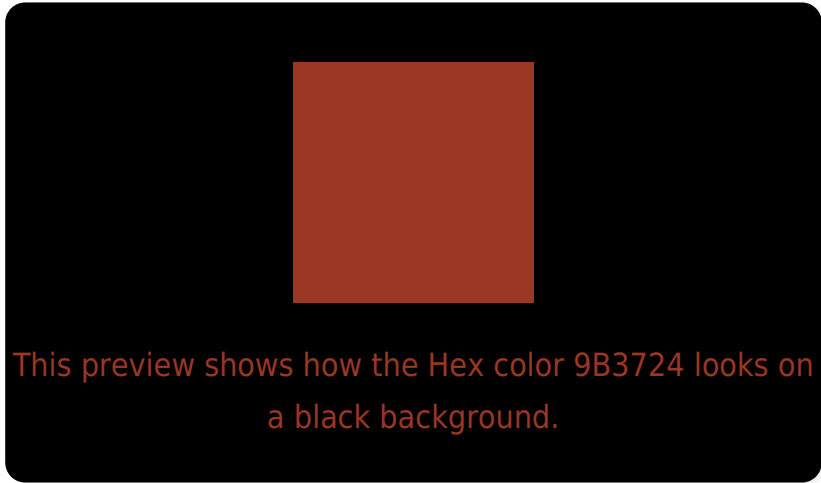
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B3724 Background



This preview shows how black text looks on a background with the Hex color 9B3724.



This preview shows how white text looks on a background with the Hex color 9B3724.

# 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**  
9B3724

**Protanopia**  
63592E

**Deuteranopia**  
70551D



**Tritanopia**  
9C3538

# Trichromacy



**Original Color**  
9B3724

**Protanomaly**  
774D2A

**Deuteranomaly**  
804A20

**Tritanomaly**  
9C3631

# Monochromacy



**Original Color**  
9B3724

**Achromatopsia**  
535353

**Achromatomaly**  
6D4942

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B3724 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 #9B3724 looks like.

```
.text, #text, p{  
    color:#9B3724  
}
```

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 #9B3724 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B3724
}
```

## Border

The CSS property to change the border of an element to Hex 9B3724 is called "border". The border property can be set on classes, ids or directly on the HTML element.

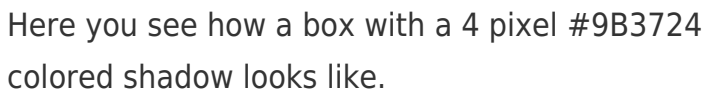
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B3724 }
```

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

```
.border{ border-color:#9B3724 }
```

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



Here you see how a box with a 4 pixel #9B3724 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B3724; -webkit-box-shadow:4px 4px  
4px 4px #9B3724; box-shadow:4px 4px 4px  
4px #9B3724 }
```

# Background

The CSS property to change the background color of an element to Hex 9B3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B3724 }
```

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

```
.background{ background-color:#9B3724 }
```

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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