

# Converting Colors

Hex(954B1D)

Have a look what the booklet for  
Hex(954B1D) contains.

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**Color**

**Hex(954B1D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	954B1D
RGB	149, 75, 29
RGB Percent	58%, 29%, 11%
CMY	0.4157, 0.7059, 0.8863
CMYK	0.00, 0.50, 0.81, 0.42
HSL	23°, 67%, 35%
HSV	23°, 81%, 58%
XYZ	15.1323, 11.5104, 2.5866
YIQ	91.8820, 58.8700, 1.3820

# Conversions

## Conversions Part 2

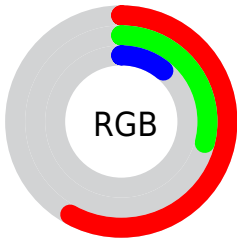
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 104, 29
Decimal	9784093
CIE <sub>Lab</sub>	40.43, 27.77, 39.79
CIE <sub>LCh</sub>	40, 48.528, 55.089
Yxy	11.5104, 0.5177, 0.3938
Android (android.graphics.Color)	4287974173 (0xFF954B1D)
YUV	91.8820, -31.0008, 50.0925
Hunter-Lab	33.9270, 20.2431, 19.2287

# Details

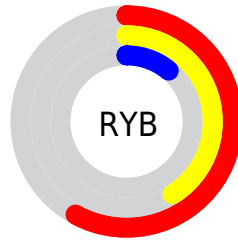
The Hex color **954B1D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1D6795**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **D07D4C**, and **5C1C00** is the 20% darker color. If you saturate the color by 10%, you get **95420E**, and if you desaturate by 10%, it is **95542C**.

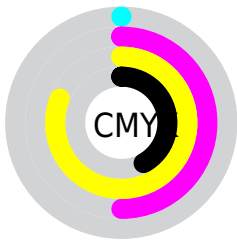
# Distribution



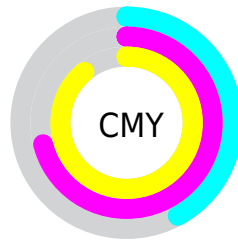
- Red (58%)
- Green (29%)
- Blue (11%)



- Red (58%)
- Yellow (41%)
- Blue (11%)



- Cyan (0%)
- Magenta (50%)
- Yellow (81%)
- Black (42%)



- Cyan (42%)
- Magenta (71%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 954B1D 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 954B1D by changing the saturation by 10% instead.



 954B1D

 954B1D

FFFFFF

 783304

 D07D4C

 5C1C00

 EE9765

 400400

 FFB27F

 2A0001

 FFCE99

 000000

 FFEAB4

 FFFFD0

 FFFFEC

 954B1D

 954B1D

■ 95420E

■ 95542C

■ 953900

■ 955D3B

■ 95674A

■ 957059

■ 957968

■ 958276

■ 958B85

■ 959594

■ 959EA3

# Harmonies

## Analogous

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



A53B40



954B1D



785B00

# Triad

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



954B1D



007157



5258A8

# Complementary

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



954B1D



1D6795

# 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.



0066AF



954B1D



007280

# Square

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



954B1D



156E2F



006EA0



89458D

# Rectangle

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



954B1D



606401



006EA0



335DAC



# Sweetspot

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



954B1D



C2A593



951D67



615045



E0E0E0



616161



# Same Dimension

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



954B1D



C24E06



95871D



4A4543



8A3500



0A0400



# Inverse Universe

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



1D6795



067AC2



1D2B95



43474A



00558A



00060A



# Previews

## White Background



This preview shows how the Hex color 954B1D looks on a white background.

## Color Contrast Check

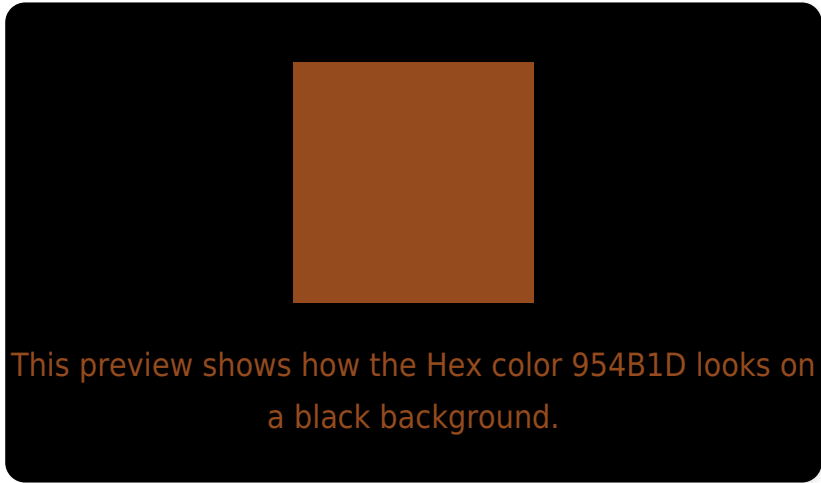
Large Text (above 18pt) WCAG AA ✓ Pass

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 954B1D Background



This preview shows how black text looks on a background with the Hex color 954B1D.



This preview shows how white text looks on a background with the Hex color 954B1D.

# 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**  
954B1D

**Protanopia**  
6B6023

**Deuteranopia**  
795B17

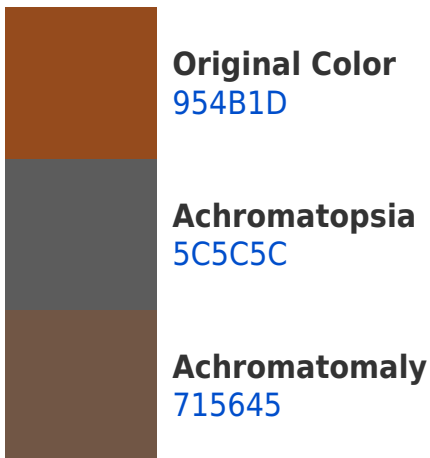


**Tritanopia**  
97464B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 954B1D 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 #954B1D looks like.

```
.text, #text, p{  
    color:#954B1D  
}
```

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 #954B1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #954B1D
}
```

## Border

The CSS property to change the border of an element to Hex 954B1D is called "border". The border property can be set on classes, ids or directly on the HTML element.

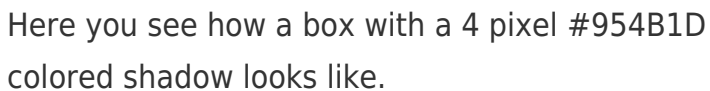
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#954B1D }
```

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

```
.border{ border-color:#954B1D }
```

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



Here you see how a box with a 4 pixel #954B1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #954B1D; -webkit-box-shadow:4px 4px  
4px 4px #954B1D; box-shadow:4px 4px 4px  
4px #954B1D }
```

# Background

The CSS property to change the background color of an element to Hex 954B1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#954B1D }
```

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

```
.background{ background-color:#954B1D }
```

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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