

# Converting Colors

Hex(954A37)

Have a look what the booklet for  
Hex(954A37) contains.

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**Color**

**Hex(954A37)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	954A37
RGB	149, 74, 55
RGB Percent	58%, 29%, 22%
CMY	0.4157, 0.7098, 0.7843
CMYK	0.00, 0.50, 0.63, 0.42
HSL	12°, 46%, 40%
HSV	12°, 63%, 58%
XYZ	15.5328, 11.5630, 5.0276
YIQ	94.2590, 50.7990, 9.9910

# Conversions

## Conversions Part 2

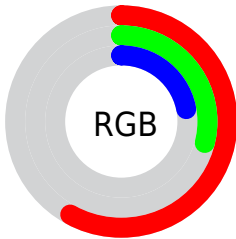
Format	Color
R <sub>Y</sub> B	149, 79, 55
Decimal	9783863
CIE Lab	40.51, 29.77, 25.68
CIE LCh	41, 39.321, 40.783
Yxy	11.5630, 0.4835, 0.3600
Android (android.graphics.Color)	4287973943 (0xFF954A37)
YUV	94.2590, -19.3547, 48.0079
Hunter-Lab	34.0043, 22.0291, 15.0369




# Details

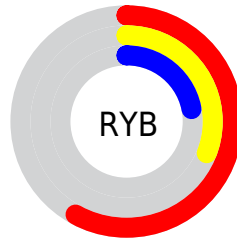
The Hex color **954A37** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **378295**, and the grayscale version is **5E5E5E**.




A 20% lighter version of the original color is **CF7C66**, and **5D1A0C** is the 20% darker color. If you saturate the color by 10%, you get **953E28**, and if you desaturate by 10%, it is **955646**.

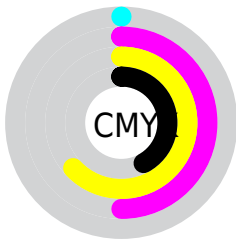
# Distribution







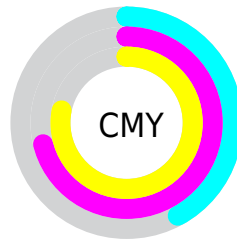
-  Red (58%)
-  Green (29%)
-  Blue (22%)






-  Red (58%)
-  Yellow (31%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (50%)
-  Yellow (63%)
-  Black (42%)



-  Cyan (42%)
-  Magenta (71%)
-  Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 954A37 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 954A37 by changing the saturation by 10% instead.



 954A37

 954A37

FFFFFF

 793221

 CF7C66

 5D1A0C

 ED977F

 430100

 FFB29A

 2B0001

 FFCDB4

 000000

 FFEAD0

 FFFFEC

 954A37

 954A37

 953E28

 955646

■ 953219

■ 956255

■ 95260A

■ 956E64

■ 951E00

■ 957A73

■ 958582

■ 959190

■ 959D9F

■ 95A9AE

■ 95B5BD

# Harmonies

## Analogous

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



9B4355



954A37



825621

# Triad

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



954A37



00E49



395F9F

# Complementary

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



954A37



378295

# 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.



00699C



954A37



006F6B

# Square

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



954A37



43692C



006E89



715290

# Rectangle

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



954A37



705E1B



006E89



1463A0



# Sweetspot

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



954A37



C2A49D



953782



614F4B



E0E0E0



616161



# Same Dimension

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



954A37



C24C2F



957937



4A4443



8A1C00



0A0200



# Inverse Universe

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



378295



2FA4C2



375395



43484A



006E8A



00080A



# Previews

## White Background



This preview shows how the Hex color 954A37 looks on a white background.

## Color Contrast Check

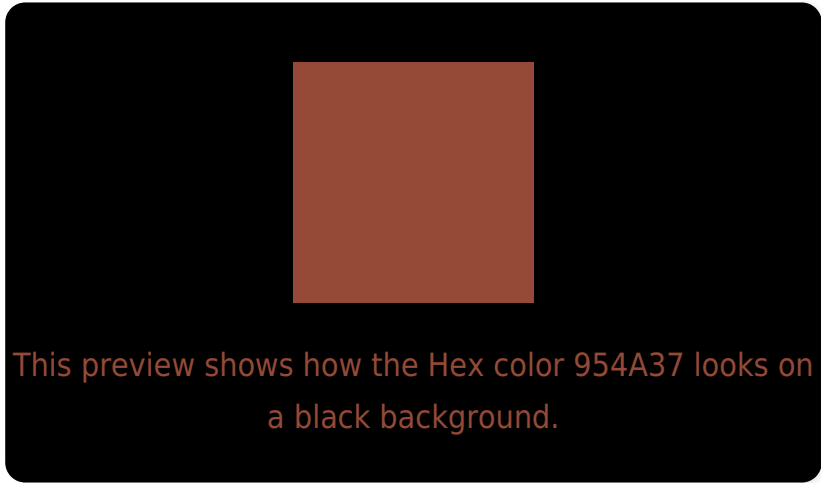
Large Text (above 18pt) WCAG AA ✓ Pass

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 954A37 Background



This preview shows how black text looks on a background with the Hex color 954A37.



This preview shows how white text looks on a background with the Hex color 954A37.

# 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**  
954A37

**Protanopia**  
68603F

**Deuteranopia**  
765C34



**Tritanopia**  
96474C

# Trichromacy



**Original Color**  
954A37

**Protanomaly**  
78583C

**Deuteranomaly**  
815535

**Tritanomaly**  
964844

# Monochromacy



**Original Color**  
954A37

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
725750

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 954A37 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 #954A37 looks like.

```
.text, #text, p{  
  color:#954A37  
}
```

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 #954A37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #954A37
}
```

## Border

The CSS property to change the border of an element to Hex 954A37 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
#954A37 }
```

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

```
.border{ border-color:#954A37 }
```

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

Here you see how a box with a 4 pixel #954A37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #954A37; -webkit-box-shadow:4px 4px  
4px 4px #954A37; box-shadow:4px 4px 4px  
4px #954A37 }
```

# Background

The CSS property to change the background color of an element to Hex 954A37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#954A37 }
```

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

```
.background{ background-color:#954A37 }
```

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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