

# Converting Colors

Hex(954F46)

Have a look what the booklet for  
Hex(954F46) contains.

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**Color**

**Hex(954F46)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	954F46
RGB	149, 79, 70
RGB Percent	58%, 31%, 27%
CMY	0.4157, 0.6902, 0.7255
CMYK	0.00, 0.47, 0.53, 0.42
HSL	7°, 36%, 43%
HSV	7°, 53%, 58%
XYZ	16.2959, 12.4237, 7.3335
YIQ	98.9040, 44.6090, 12.0410

# Conversions

## Conversions Part 2

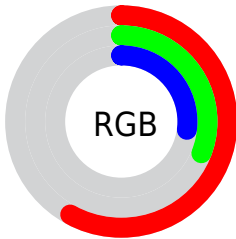
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 80, 70
Decimal	9785158
CIE <sub>Lab</sub>	41.88, 28.28, 18.42
CIE <sub>LCh</sub>	42, 33.750, 33.084
Yxy	12.4237, 0.4520, 0.3446
Android (android.graphics.Color)	4287975238 (0xFF954F46)
YUV	98.9040, -14.2497, 43.9342
Hunter-Lab	35.2473, 20.8432, 12.3374

# Details

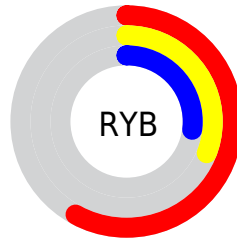
The Hex color **954F46** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **468C95**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **CE8176**, and **5E201B** is the 20% darker color. If you saturate the color by 10%, you get **954237**, and if you desaturate by 10%, it is **955C55**.

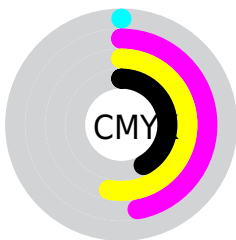
# Distribution



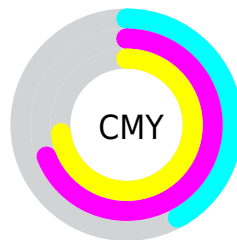
- Red (58%)
- Green (31%)
- Blue (27%)



- Red (58%)
- Yellow (31%)
- Blue (27%)



- Cyan (0%)
- Magenta (47%)
- Yellow (53%)
- Black (42%)



- Cyan (42%)
- Magenta (69%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 954F46 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 954F46 by changing the saturation by 10% instead.



 954F46

 954F46

FFFFFF

 793730

 CE8176

 5E201B

 EB9C90

 440700

 FFB7AB

 2C0000

 FFD3C6

 000000

 FFF0E2

 954F46

 954F46

 954237

 955C55

 953528

 956964

 952719

 957773

 951A0A

 958482

 951100

 959191

 959E9F

 95ABAE

 95B9BD

 95C6CC

# Harmonies

## Analogous

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



964B61



954F46



875831

# Triad

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



954F46



2F6F49



37659A

# Complementary

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



954F46



468C95

# 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.



006C94



954F46



007165

# Square

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



954F46



546A33



007080



695A91

# Rectangle

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



954F46



795F2A



007080



1D689A



# Sweetspot

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



954F46



C2A6A3



95468D



61514E



E0E0E0



616161



# Same Dimension

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



954F46



C25446



957546



4A4343



8A1000



0A0100



# Inverse Universe

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



468C95



46B4C2



466695



43494A



007A8A



00090A



# Previews

## White Background



This preview shows how the Hex color 954F46 looks on a white background.

## Color Contrast Check

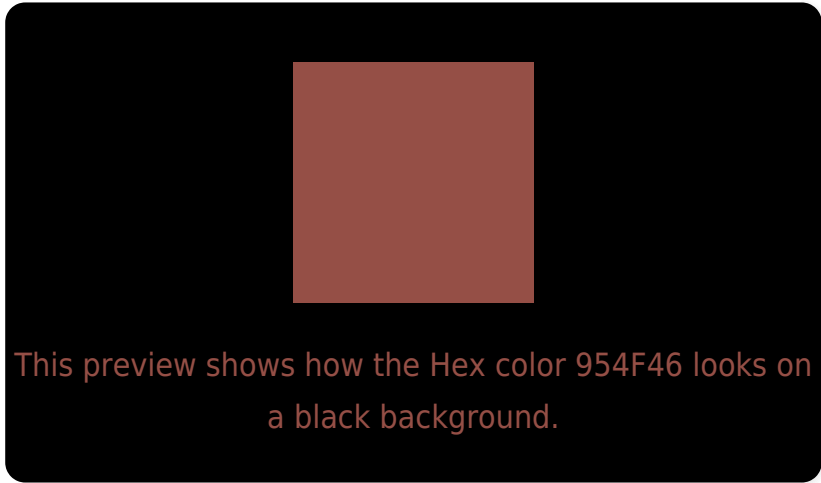
Large Text (above 18pt) WCAG AA ✓ Pass

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 954F46 Background



This preview shows how black text looks on a background with the Hex color 954F46.

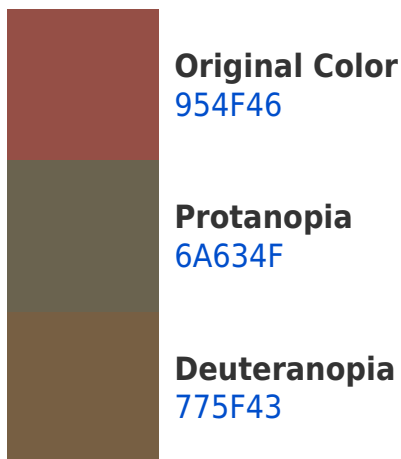


This preview shows how white text looks on a background with the Hex color 954F46.

# 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





**Tritanopia**  
964D53

# Trichromacy



**Original Color**  
954F46

**Protanomaly**  
7A5C4C

**Deuteranomaly**  
825944

**Tritanomaly**  
964E4E

# Monochromacy



**Original Color**  
954F46

**Achromatopsia**  
636363

**Achromatomaly**  
755C58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 954F46 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 #954F46 looks like.

```
.text, #text, p{  
    color:#954F46  
}
```

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 #954F46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #954F46
}
```

## Border

The CSS property to change the border of an element to Hex 954F46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

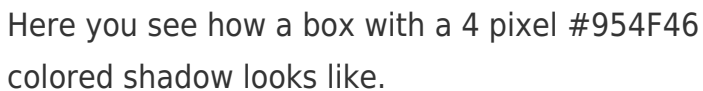
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#954F46 }
```

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

```
.border{ border-color:#954F46 }
```

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



Here you see how a box with a 4 pixel #954F46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #954F46; -webkit-box-shadow:4px 4px  
4px 4px #954F46; box-shadow:4px 4px 4px  
4px #954F46 }
```

# Background

The CSS property to change the background color of an element to Hex 954F46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#954F46 }
```

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

```
.background{ background-color:#954F46 }
```

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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