

# Converting Colors

Hex(963C4A)

Have a look what the booklet for  
Hex(963C4A) contains.

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# Color

**Hex(963C4A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	963C4A
RGB	150, 60, 74
RGB Percent	59%, 24%, 29%
CMY	0.4118, 0.7647, 0.7098
CMYK	0.00, 0.60, 0.51, 0.41
HSL	351°, 43%, 41%
HSV	351°, 60%, 59%
XYZ	15.4296, 10.2102, 7.6361
YIQ	88.5060, 49.1460, 23.4340

# Conversions

## Conversions Part 2

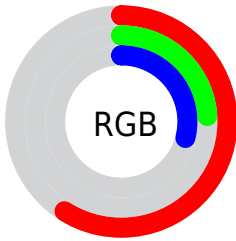
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 60, 74
Decimal	9845834
CIE <sub>Lab</sub>	38.22, 39.06, 11.00
CIE <sub>LCh</sub>	38, 40.582, 15.728
Yxy	10.2102, 0.4637, 0.3068
Android (android.graphics.Color)	4288035914 (0xFF963C4A)
YUV	88.5060, -7.1515, 53.9302
Hunter-Lab	31.9533, 30.2754, 8.1984

# Details

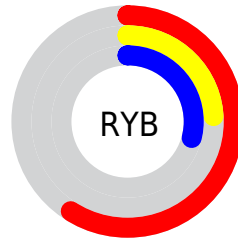
The Hex color **963C4A** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3C9688**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **D06F7A**, and **5E031F** is the 20% darker color. If you saturate the color by 10%, you get **962D3D**, and if you desaturate by 10%, it is **964B57**.

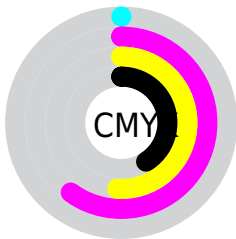
# Distribution



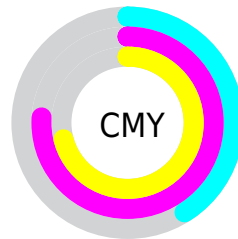
- Red (59%)
- Green (24%)
- Blue (29%)



- Red (59%)
- Yellow (24%)
- Blue (29%)



- Cyan (0%)
- Magenta (60%)
- Yellow (51%)
- Black (41%)



- Cyan (41%)
- Magenta (76%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 963C4A 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 963C4A by changing the saturation by 10% instead.





963C4A



963C4A

FFFFFF



7A2234



D06F7A



5E031F



ED8A94



440006



FFA5AF



2C0001



FFC0CA



000000



FFDDE6



FFFAFF



963C4A



963C4A



962D3D



964B57

 961E31

 965A63

 960F24

 966970

 960017

 96787D

 968789

 969696

 96A5A3

 96B4AF

 96C3BC

# Harmonies

## Analogous

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



8E3E6B



963C4A



8D462C

# Triad

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



963C4A



356529



00629A

# Complementary

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



963C4A



3C9688

# 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.



006888



963C4A



006949

# Square

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



963C4A



5B5E14



006A6B



3D5899

# Rectangle

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



963C4A



804E1C



006A6B



006496



# Sweetspot

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



963C4A



C29FA4



873C96



614C4F



E0E0E0



616161



# Same Dimension

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



963C4A



C2364C



965A3C



4A4344



8A0015



0A0002



# Inverse Universe

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



963C4A



C2364C



3C7896



4A4344



8A0015

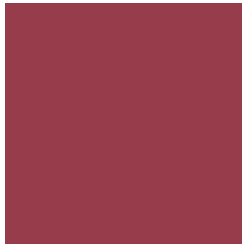


0A0002



# Previews

## White Background



This preview shows how the Hex color 963C4A looks on a white background.

## Color Contrast Check

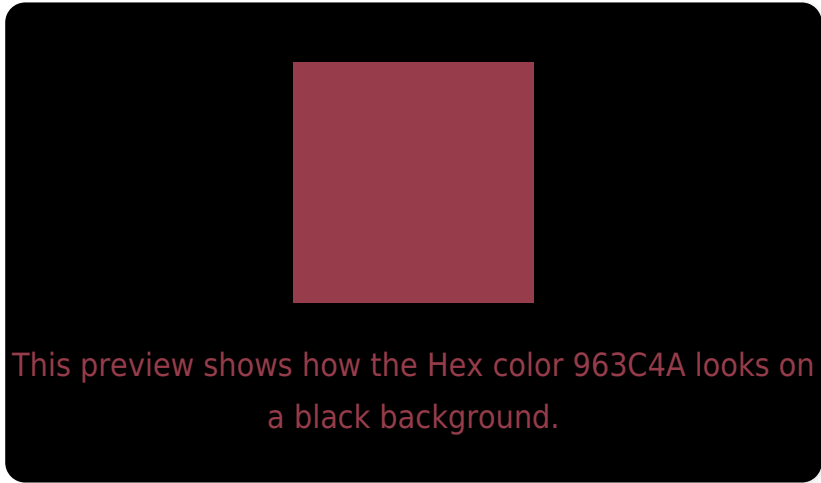
Large Text (above 18pt) WCAG AA ✓ Pass

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 963C4A Background



This preview shows how black text looks on a background with the Hex color 963C4A.



This preview shows how white text looks on a background with the Hex color 963C4A.

# 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**  
963C4A

**Protanopia**  
5D5A59

**Deuteranopia**  
6A5746



**Tritanopia**  
953E41

# Trichromacy



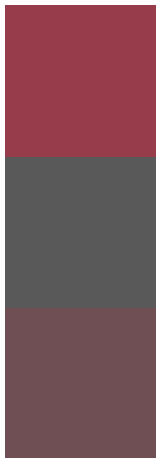
**Original Color**  
963C4A

**Protanomaly**  
724F54

**Deuteranomaly**  
7A4D47

**Tritanomaly**  
953D44

# Monochromacy



**Original Color**  
963C4A

**Achromatopsia**  
595959

**Achromatomaly**  
6F4E54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 963C4A 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 #963C4A looks like.

```
.text, #text, p{  
    color:#963C4A  
}
```

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 #963C4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #963C4A }  
}
```

## Border

The CSS property to change the border of an element to Hex 963C4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

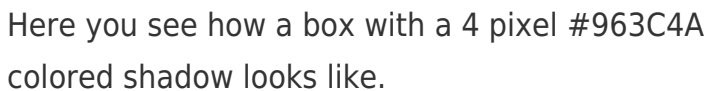
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #963C4A }  
}
```

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

```
.border{ border-color:#963C4A }
```

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



Here you see how a box with a 4 pixel #963C4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #963C4A; -webkit-box-shadow:4px 4px  
4px 4px #963C4A; box-shadow:4px 4px 4px  
4px #963C4A }
```

# Background

The CSS property to change the background color of an element to Hex 963C4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#963C4A }
```

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

```
.background{ background-color:#963C4A }
```

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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