

# Converting Colors

Hex(963B45)

Have a look what the booklet for  
Hex(963B45) contains.

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**Color**

**Hex(963B45)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	963B45
RGB	150, 59, 69
RGB Percent	59%, 23%, 27%
CMY	0.4118, 0.7686, 0.7294
CMYK	0.00, 0.61, 0.54, 0.41
HSL	353°, 44%, 41%
HSV	353°, 61%, 59%
XYZ	15.2158, 10.0416, 6.7665
YIQ	87.3490, 51.0260, 22.4020

# Conversions

## Conversions Part 2

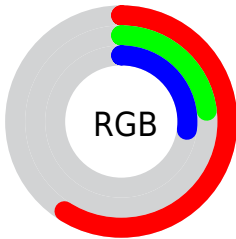
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 59, 69
Decimal	9845573
CIE <sub>Lab</sub>	37.92, 39.09, 13.74
CIE <sub>LCh</sub>	38, 41.435, 19.368
Yxy	10.0416, 0.4751, 0.3136
Android (android.graphics.Color)	4288035653 (0xFF963B45)
YUV	87.3490, -9.0461, 54.9449
Hunter-Lab	31.6885, 30.2551, 9.5217

# Details

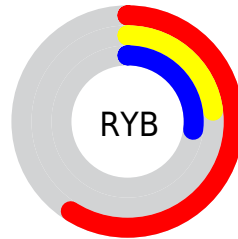
The Hex color **963B45** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3B968C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **D06E75**, and **5E021A** is the 20% darker color. If you saturate the color by 10%, you get **962C38**, and if you desaturate by 10%, it is **964A52**.

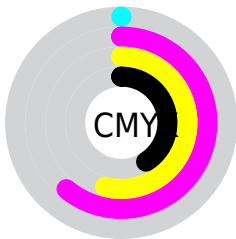
# Distribution



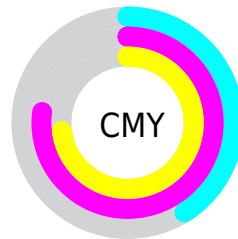
- Red (59%)
- Green (23%)
- Blue (27%)



- Red (59%)
- Yellow (23%)
- Blue (27%)



- Cyan (0%)
- Magenta (61%)
- Yellow (54%)
- Black (41%)



- Cyan (41%)
- Magenta (77%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 963B45 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 963B45 by changing the saturation by 10% instead.



 963B45

 963B45

FFFFFF

 7A212F

 D06E75

 5E021A

 EE898F

 440000

 FFA4A9

 2B0001

 FFBFC4

 000000

 FFDCE0

 FFF9FD

 963B45

 963B45

 962C38

 964A52

961D2A

965960

960E1D

96686D

960010

96777A

968688

969595

96A4A2

96B3B0

96C2BD

# Harmonies

## Analogous

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



903B67



963B45



8B4627

# Triad

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



963B45



2D652B



00609B

# Complementary

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



963B45



3B968C

# 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.



00678B



963B45



00694C

# Square

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



963B45



565E13



00696E



435599

# Rectangle

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



963B45



7D4F17



00696E



006398



# Sweetspot

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



963B45



C29FA3



8B3B96



614C4E



E0E0E0



616161



# Same Dimension

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



963B45



C23444



965E3B



4A4343



8A000F



0A0001



# Inverse Universe

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



963B45



C23444



3B7396



4A4343



8A000F

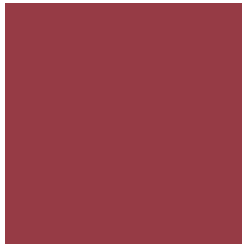


0A0001



# Previews

## White Background



This preview shows how the Hex color 963B45 looks on a white background.

## Color Contrast Check

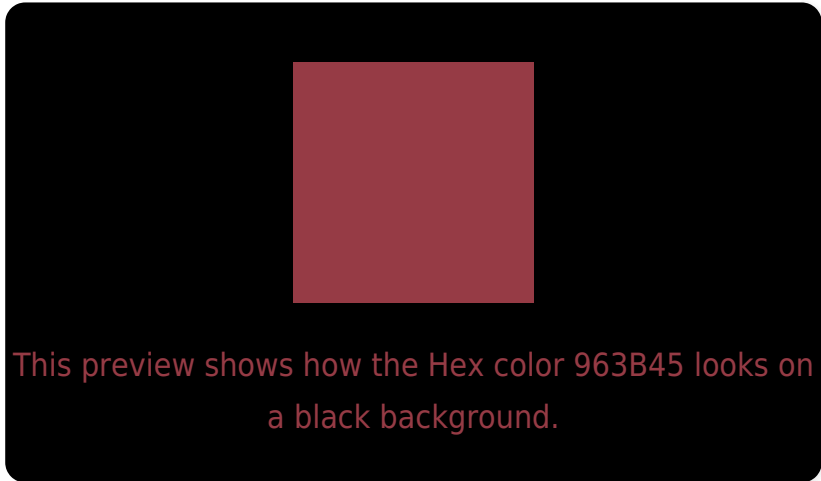
Large Text (above 18pt) WCAG AA ✓ Pass

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 963B45 Background



This preview shows how black text looks on a background with the Hex color 963B45.



This preview shows how white text looks on a background with the Hex color 963B45.

# 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**  
963B45

**Protanopia**  
5D5A54

**Deuteranopia**  
6B5641



**Tritanopia**  
963C40

# Trichromacy



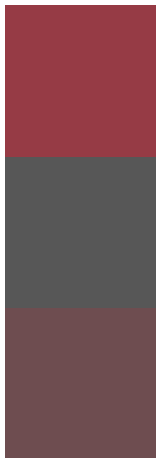
**Original Color**  
963B45

**Protanomaly**  
724F4F

**Deuteranomaly**  
7B4C42

**Tritanomaly**  
963C42

# Monochromacy



**Original Color**  
963B45

**Achromatopsia**  
575757

**Achromatomaly**  
6E4D50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 963B45 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 #963B45 looks like.

```
.text, #text, p{  
    color:#963B45  
}
```

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 #963B45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #963B45
}
```

## Border

The CSS property to change the border of an element to Hex 963B45 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
#963B45 }
```

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

```
.border{ border-color:#963B45 }
```

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

Here you see how a box with a 4 pixel #963B45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #963B45; -webkit-box-shadow:4px 4px  
4px 4px #963B45; box-shadow:4px 4px 4px  
4px #963B45 }
```

# Background

The CSS property to change the background color of an element to Hex 963B45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#963B45 }
```

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

```
.background{ background-color:#963B45 }
```

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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