

Converting Colors

Hex(963759)

Have a look what the booklet for
Hex(963759) contains.

Hex(963759)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(963759)

Conversions

Conversions Part 1

Format	Color
Hex	963759
RGB	150, 55, 89
RGB Percent	59%, 22%, 35%
CMY	0.4118, 0.7843, 0.6510
CMYK	0.00, 0.63, 0.41, 0.41
HSL	339°, 46%, 40%
HSV	339°, 63%, 59%
XYZ	15.7470, 9.9377, 10.5394
YIQ	87.2810, 45.7060, 30.7140

Conversions

Conversions Part 2

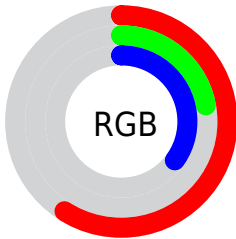
Format	Color
R_{YB}	150, 55, 89
Decimal	9844569
CIE _{Lab}	37.73, 43.02, 0.81
CIE _{LCh}	38, 43.026, 1.077
Yxy	9.9377, 0.4347, 0.2743
Android (android.graphics.Color)	4288034649 (0xFF963759)
YUV	87.2810, 0.8475, 55.0046
Hunter-Lab	31.5241, 33.9979, 2.2445

Details

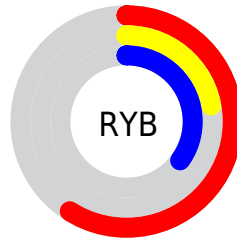
The Hex color **963759** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **379674**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **CF6B8B**, and **5F002C** is the 20% darker color. If you saturate the color by 10%, you get **96284F**, and if you desaturate by 10%, it is **964663**.

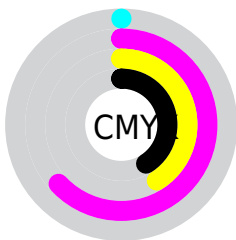
Distribution



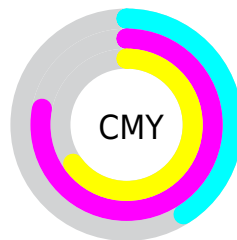
- Red (59%)
- Green (22%)
- Blue (35%)



- Red (59%)
- Yellow (22%)
- Blue (35%)



- Cyan (0%)
- Magenta (63%)
- Yellow (41%)
- Black (41%)



- Cyan (41%)
- Magenta (78%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 963759 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 963759 by changing the saturation by 10% instead.

 963759

 963759

FFFFFF

 7A1C42

 CF6B8B

 5F002C

 ED86A5

 440017

 FFA1C0

 2D0001

 FFBCDC

 000000

 FFD9F9

 FFF6FF

 963759

 963759

 96284F

 964663

961946

96556C

960A3C

966476

960036

967380

968289

969193

96A09C

96AFA6

96BEB0

Harmonies

Analogous

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



84407B



963759



953C37

Triad

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



963759



466117



006595

Complementary

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



963759



379674

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.



00697C



963759



066735

Square

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



963759



695808



006959



005C9E

Rectangle

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



963759



8B4523



006959



00678E

Sweetspot

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



963759



C29DAA



733796



614B53



E0E0E0



616161

Same Dimension

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



963759



C22F63



964437



4A4345



8A0031



0A0004

Inverse Universe

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



963759



C22F63



378996



4A4345



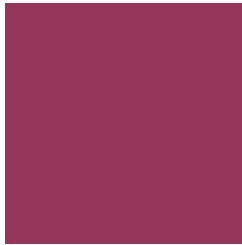
8A0031



0A0004

Previews

White Background



This preview shows how the Hex color 963759 looks on a white background.

Color Contrast Check

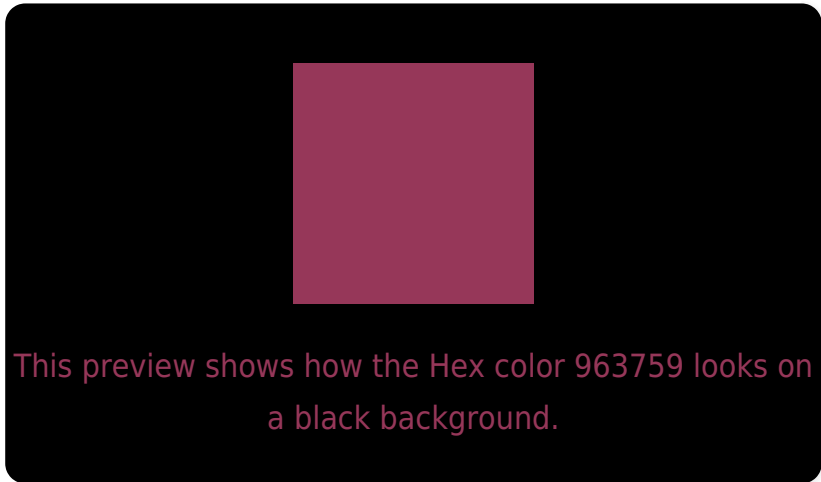
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

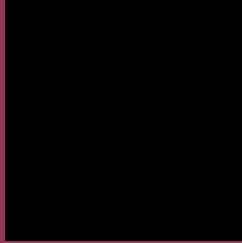
Any Text WCAG AA × Fail

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 963759 Background



This preview shows how black text looks on a background with the Hex color 963759.

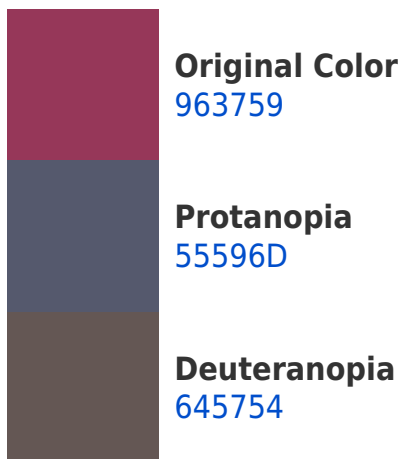


This preview shows how white text looks on a background with the Hex color 963759.

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
943C40

Trichromacy



Original Color
963759

Protanomaly
6D4D66

Deuteranomaly
764B56

Tritanomaly
953A49

Monochromacy



Original Color
963759

Achromatopsia
575757

Achromatomaly
6E4B58

CSS Examples

Text

The CSS property to change the color of the text to Hex 963759 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 #963759 looks like.

```
.text, #text, p{  
    color:#963759  
}
```

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 #963759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #963759
}
```

Border

The CSS property to change the border of an element to Hex 963759 is called "border". The border property can be set on classes, ids or directly on the HTML element.

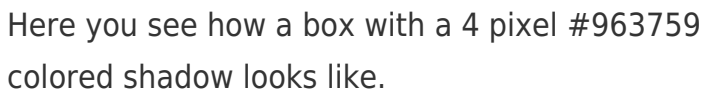
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#963759 }
```

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

```
.border{ border-color:#963759 }
```

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



Here you see how a box with a 4 pixel #963759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #963759; -webkit-box-shadow:4px 4px  
4px 4px #963759; box-shadow:4px 4px 4px  
4px #963759 }
```

Background

The CSS property to change the background color of an element to Hex 963759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#963759 }
```

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

```
.background{ background-color:#963759 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor