

# Converting Colors

Hex(943651)

Have a look what the booklet for  
Hex(943651) contains.

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# Color

**Hex(943651)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	943651
RGB	148, 54, 81
RGB Percent	58%, 21%, 32%
CMY	0.4196, 0.7882, 0.6824
CMYK	0.00, 0.64, 0.45, 0.42
HSL	343°, 47%, 40%
HSV	343°, 64%, 58%
XYZ	15.0171, 9.5283, 8.8322
YIQ	85.1840, 47.3570, 28.3250

# Conversions

## Conversions Part 2

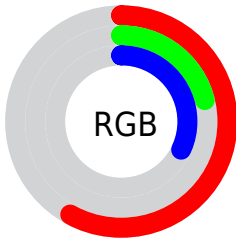
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 54, 81
Decimal	9713233
CIE <sub>Lab</sub>	36.98, 41.93, 4.77
CIE <sub>LCh</sub>	37, 42.203, 6.493
Yxy	9.5283, 0.4499, 0.2855
Android (android.graphics.Color)	4287903313 (0xFF943651)
YUV	85.1840, -2.0627, 55.0896
Hunter-Lab	30.8680, 32.8204, 4.6430

# Details

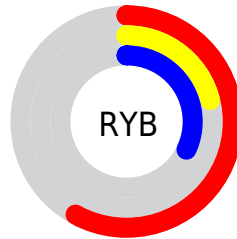
The Hex color **943651** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **369479**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **CD6A82**, and **5D0025** is the 20% darker color. If you saturate the color by 10%, you get **942746**, and if you desaturate by 10%, it is **94455C**.

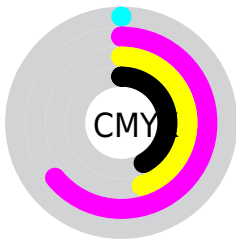
# Distribution



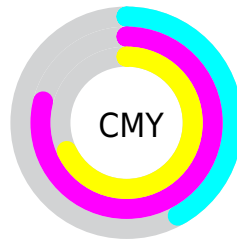
- Red (58%)
- Green (21%)
- Blue (32%)



- Red (58%)
- Yellow (21%)
- Blue (32%)



- Cyan (0%)
- Magenta (64%)
- Yellow (45%)
- Black (42%)



- Cyan (42%)
- Magenta (79%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 943651 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 943651 by changing the saturation by 10% instead.



 943651

 943651

FFFFFF

 781B3A

 CD6A82

 5D0025

 EB849C

 420010

 FF9FB7

 2A0001

 FFBBD2

 000000

 FFD7EF

 FFF4FF

 943651

 943651

 942746

 94455C

 94183C

 945466

 940A31

 946271

 94002B

 94717B

 948086

 948F90

 949E9B

 94ACA5

 94BBB0

# Harmonies

## Analogous

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



863C73



943651



903E30

# Triad

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



943651



3E601C



006295

# Complementary

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



943651



369479

# 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.



00667F



943651



00653A

# Square

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



943651



615809



00675E



10599B

# Rectangle

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



943651



85471E



00675E



00648F



# Sweetspot

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



943651



BF9BA5



783694



614B51



E0E0E0



616161



# Same Dimension

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



943651



BF2E58



944936



4A4345



8A0028



0A0003



# Inverse Universe

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



943651



BF2E58



368194



4A4345



8A0028

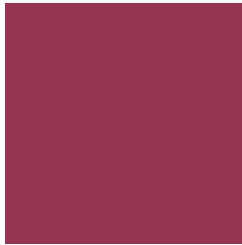


0A0003



# Previews

## White Background



This preview shows how the Hex color 943651 looks on a white background.

## Color Contrast Check

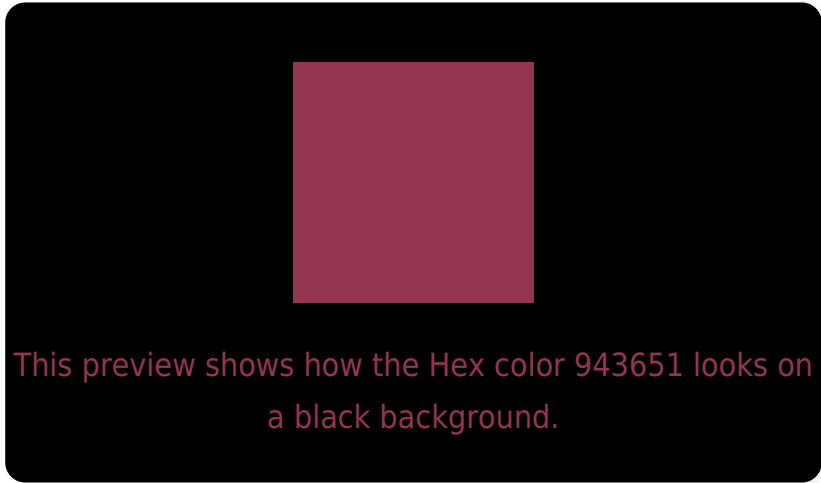
Large Text (above 18pt) WCAG AA ✓ Pass

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

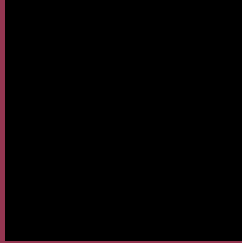
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 943651 Background



This preview shows how black text looks on a background with the Hex color 943651.

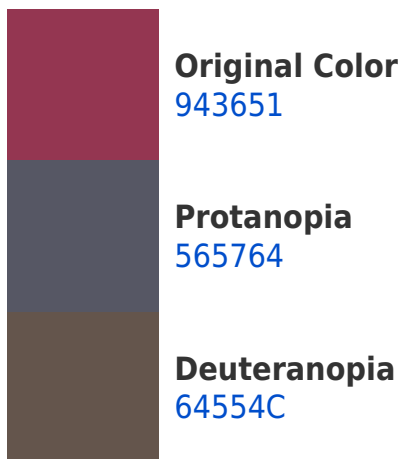


This preview shows how white text looks on a background with the Hex color 943651.

# 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**  
933A3E

# Trichromacy



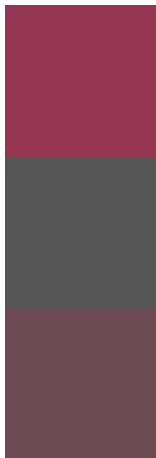
**Original Color**  
943651

**Protanomaly**  
6D4B5D

**Deuteranomaly**  
754A4E

**Tritanomaly**  
933945

# Monochromacy



**Original Color**  
943651

**Achromatopsia**  
555555

**Achromatomaly**  
6C4A54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 943651 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 #943651 looks like.

```
.text, #text, p{  
    color:#943651  
}
```

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 #943651 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #943651
}
```

## Border

The CSS property to change the border of an element to Hex 943651 is called "border". The border property can be set on classes, ids or directly on the HTML element.

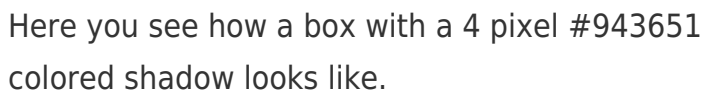
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#943651 }
```

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

```
.border{ border-color:#943651 }
```

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



Here you see how a box with a 4 pixel #943651 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #943651; -webkit-box-shadow:4px 4px  
4px 4px #943651; box-shadow:4px 4px 4px  
4px #943651 }
```

# Background

The CSS property to change the background color of an element to Hex 943651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#943651 }
```

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

```
.background{ background-color:#943651 }
```

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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