

Converting Colors

Hex(943857)

Have a look what the booklet for
Hex(943857) contains.

Hex(943857)	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(943857)

Conversions

Conversions Part 1

Format	Color
Hex	943857
RGB	148, 56, 87
RGB Percent	58%, 22%, 34%
CMY	0.4196, 0.7804, 0.6588
CMYK	0.00, 0.62, 0.41, 0.42
HSL	340°, 45%, 40%
HSV	340°, 62%, 58%
XYZ	15.3472, 9.8124, 10.1019
YIQ	87.0420, 44.8810, 29.1450

Conversions

Conversions Part 2

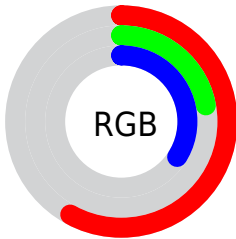
Format	Color
RYB	148, 56, 87
Decimal	9713751
CIELab	37.50, 41.65, 1.71
CIELCh	38, 41.687, 2.346
Yxy	9.8124, 0.4352, 0.2783
Android (android.graphics.Color)	4287903831 (0xFF943857)
YUV	87.0420, -0.0207, 53.4602
Hunter-Lab	31.3247, 32.6360, 2.8068

Details

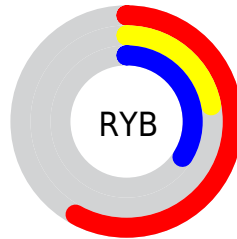
The Hex color **943857** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **389475**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **CD6C89**, and **5D002A** is the 20% darker color. If you saturate the color by 10%, you get **94294D**, and if you desaturate by 10%, it is **944761**.

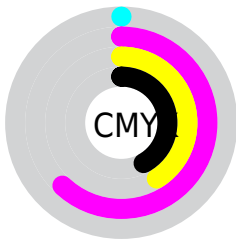
Distribution



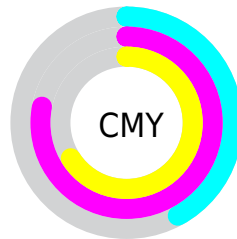
- Red (58%)
- Green (22%)
- Blue (34%)



- Red (58%)
- Yellow (22%)
- Blue (34%)



- Cyan (0%)
- Magenta (62%)
- Yellow (41%)
- Black (42%)



- Cyan (42%)
- Magenta (78%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 943857 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 943857 by changing the saturation by 10% instead.

■ 943857

■ 943857

FFFFFF

■ 781D40

■ CD6C89

■ 5D002A

■ EB86A3

■ 430016

■ FFA1BE

■ 2B0001

■ FFBDDA

■ 000000

■ FFD9F6

■ FFF6FF

■ 943857

■ 943857

■ 94294D

■ 944761

941A43

94566B

940C3A

946474

940032

94737E

948288

949192

94A09C

94AEA6

94BDAF

Harmonies

Analogous

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



834078



943857



923E36

Triad

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



943857



45611A



006494

Complementary

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



943857



389475

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.



00687B



943857



066637

Square

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



943857



67570C



00685A



005B9C

Rectangle

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



943857



894623



00685A



00668D

Sweetspot

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



943857



BF9BA7



743894



614B52



E0E0E0



616161

Same Dimension

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



943857



BF3060



944638



4A4345



8A002E



0A0003

Inverse Universe

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



943857



BF3060



388694



4A4345



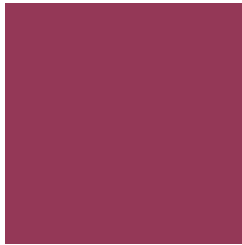
8A002E



0A0003

Previews

White Background



This preview shows how the Hex color 943857 looks on a white background.

Color Contrast Check

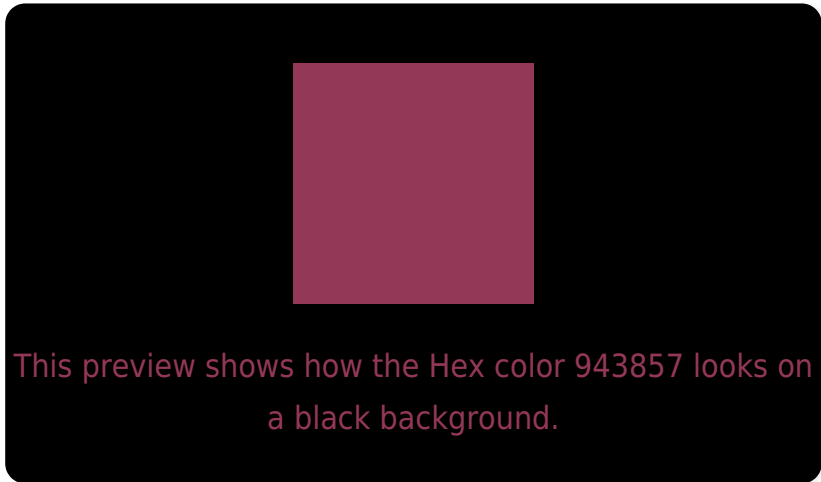
Large Text (above 18pt) WCAG AA ✓ Pass

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

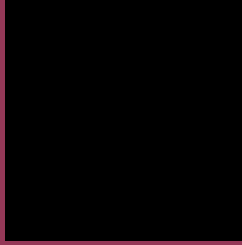
Any Text WCAG AA × Fail

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 943857 Background



This preview shows how black text looks on a background with the Hex color 943857.

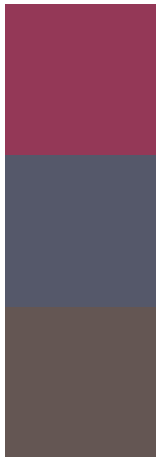


This preview shows how white text looks on a background with the Hex color 943857.

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
943857

Protanopia
55586A

Deuteranopia
645653



Tritanopia
923D41

Trichromacy



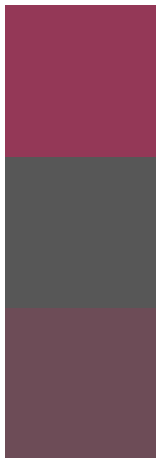
Original Color
943857

Protanomaly
6C4C63

Deuteranomaly
754B54

Tritanomaly
933B49

Monochromacy



Original Color
943857

Achromatopsia
575757

Achromatomaly
6D4C57

CSS Examples

Text

The CSS property to change the color of the text to Hex 943857 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 #943857 looks like.

```
.text, #text, p{  
    color:#943857  
}
```

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 #943857 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #943857  
}
```

Border

The CSS property to change the border of an element to Hex 943857 is called "border". The border property can be set on classes, ids or directly on the HTML element.

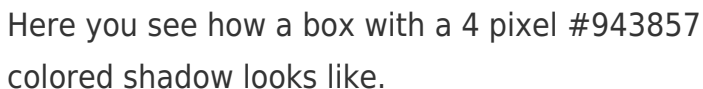
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#943857 }
```

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

```
.border{ border-color:#943857 }
```

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



Here you see how a box with a 4 pixel #943857 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #943857; -webkit-box-shadow:4px 4px  
4px 4px #943857; box-shadow:4px 4px 4px  
4px #943857 }
```

Background

The CSS property to change the background color of an element to Hex 943857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#943857 }
```

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

```
.background{ background-color:#943857 }
```

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