

# Converting Colors

Hex(953559)

Have a look what the booklet for  
Hex(953559) contains.

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**Color**

**Hex(953559)**

# Conversions

## Conversions Part 1

Format	Color
Hex	953559
RGB	149, 53, 89
RGB Percent	58%, 21%, 35%
CMY	0.4157, 0.7922, 0.6510
CMYK	0.00, 0.64, 0.40, 0.42
HSL	338°, 48%, 40%
HSV	338°, 64%, 58%
XYZ	15.4707, 9.6570, 10.4998
YIQ	85.8080, 45.6600, 31.5480

# Conversions

## Conversions Part 2

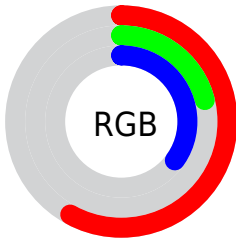
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 53, 89
Decimal	9778521
CIE Lab	37.22, 43.60, 0.04
CIE LCh	37, 43.603, 0.058
Yxy	9.6570, 0.4342, 0.2711
Android (android.graphics.Color)	4287968601 (0xFF953559)
YUV	85.8080, 1.5737, 55.4194
Hunter-Lab	31.0758, 34.4815, 1.7203

# Details

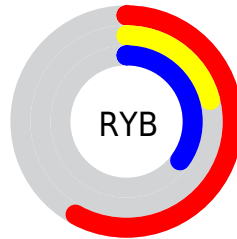
The Hex color **953559** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **359571**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **CE698B**, and **5E002C** is the 20% darker color. If you saturate the color by 10%, you get **952650**, and if you desaturate by 10%, it is **954462**.

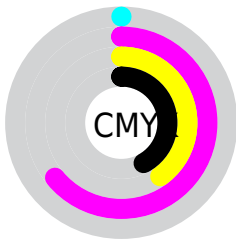
# Distribution



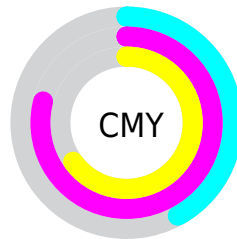
- Red (58%)
- Green (21%)
- Blue (35%)



- Red (58%)
- Yellow (21%)
- Blue (35%)



- Cyan (0%)
- Magenta (64%)
- Yellow (40%)
- Black (42%)



- Cyan (42%)
- Magenta (79%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 953559 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 953559 by changing the saturation by 10% instead.



 953559

 953559

FFFFFF

 791942

 CE698B

 5E002C

 EC84A5

 430017

 FF9FC0

 2C0001

 FFBDBC

 000000

 FFD7F9

 FFF4FF

 953559

 953559

 952650

 954462

951746

95536C

95083D

956275

950038

95717E

958088

958E91

959D9A

95ACA4

95BBAD

# Harmonies

## Analogous

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



823E7B



953559



943A37

# Triad

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



953559



466014



006494

# Complementary

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



953559



359571

# 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.



00687A



953559



056533

# Square

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



953559



695605



006857



005C9E

# Rectangle

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



953559



8B4322



006857



00668D



# Sweetspot

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



953559



C29DAB



703595



614B53



E0E0E0



616161



# Same Dimension

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



953559



C22D65



954035



4A4345



8A0034



0A0004



# Inverse Universe

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



953559



C22D65



358A95



4A4345



8A0034

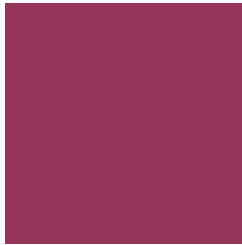


0A0004



# Previews

## White Background



This preview shows how the Hex color 953559 looks on a white background.

## Color Contrast Check

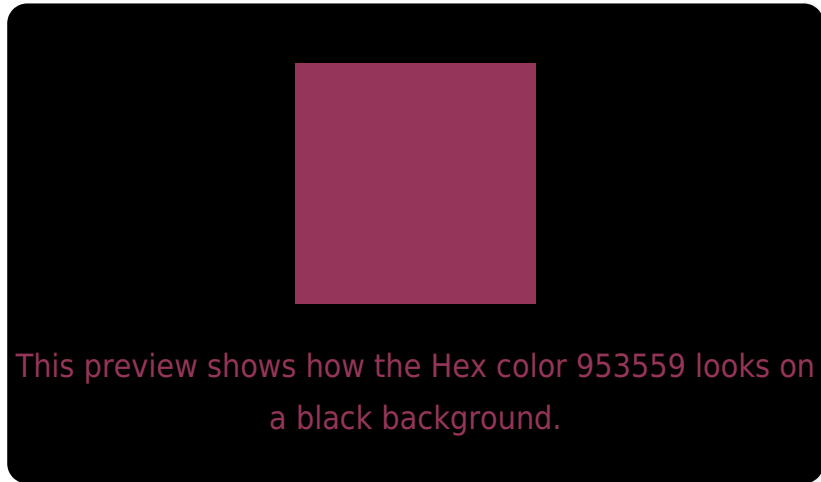
Large Text (above 18pt) WCAG AA ✓ Pass

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 953559 Background



This preview shows how black text looks on a background with the Hex color 953559.



This preview shows how white text looks on a background with the Hex color 953559.

# 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**  
933B3E

# Trichromacy



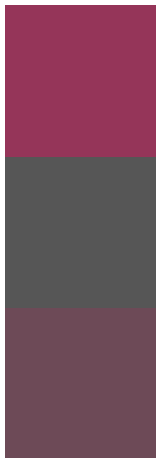
**Original Color**  
953559

**Protanomaly**  
6B4B66

**Deuteranomaly**  
754956

**Tritanomaly**  
943948

# Monochromacy



**Original Color**  
953559

**Achromatopsia**  
565656

**Achromatomaly**  
6D4A57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 953559 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 #953559 looks like.

```
.text, #text, p{  
    color:#953559  
}
```

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 #953559 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #953559
}
```

## Border

The CSS property to change the border of an element to Hex 953559 is called "border". The border property can be set on classes, ids or directly on the HTML element.

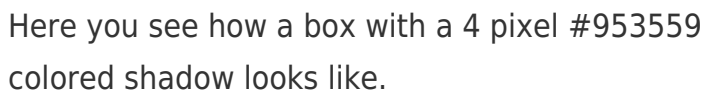
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#953559 }
```

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

```
.border{ border-color:#953559 }
```

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



Here you see how a box with a 4 pixel #953559 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #953559; -webkit-box-shadow:4px 4px  
4px 4px #953559; box-shadow:4px 4px 4px  
4px #953559 }
```

# Background

The CSS property to change the background color of an element to Hex 953559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#953559 }
```

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

```
.background{ background-color:#953559 }
```

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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