

# Converting Colors

Hex(950C3A)

Have a look what the booklet for  
Hex(950C3A) contains.

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# Color

**Hex(950C3A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	950C3A
RGB	149, 12, 58
RGB Percent	58%, 5%, 23%
CMY	0.4157, 0.9529, 0.7725
CMYK	0.00, 0.92, 0.61, 0.42
HSL	340°, 85%, 32%
HSV	340°, 92%, 58%
XYZ	13.2896, 6.9580, 4.6456
YIQ	58.2070, 66.8860, 43.3500

# Conversions

## Conversions Part 2

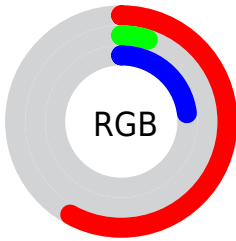
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 12, 58
Decimal	9767994
CIE Lab	31.71, 53.86, 12.37
CIE LCh	32, 55.266, 12.939
Yxy	6.9580, 0.5339, 0.2795
Android (android.graphics.Color)	4287958074 (0xFF950C3A)
YUV	58.2070, -0.1021, 79.6255
Hunter-Lab	26.3780, 43.7693, 8.0227

# Details

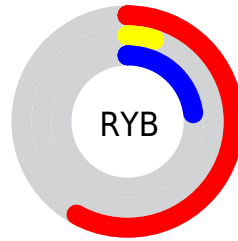
The Hex color **950C3A** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0C9567**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **D14D69**, and **5B0010** is the 20% darker color. If you saturate the color by 10%, you get **950032**, and if you desaturate by 10%, it is **951B44**.

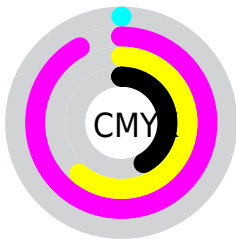
# Distribution



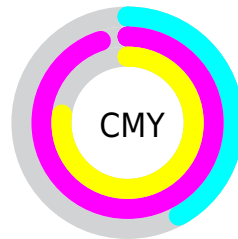
- Red (58%)
- Green (5%)
- Blue (23%)



- Red (58%)
- Yellow (5%)
- Blue (23%)



- Cyan (0%)
- Magenta (92%)
- Yellow (61%)
- Black (42%)



- Cyan (42%)
- Magenta (95%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 950C3A 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 950C3A by changing the saturation by 10% instead.



 950C3A

 950C3A

FFFFFF

 780025

 D14D69

 5B0010

 EF6982

 400002

 FF849C

 200001

 FFA0B6

 000000

 FFBDD2

 FFD9EE

 FFF7FF

 950C3A

 950C3A

■ 950032

■ 951B44

■ 952A4E

■ 953958

■ 954862

■ 95566B

■ 956575

■ 95747F

■ 958389

■ 959293

# Harmonies

## Analogous

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



8A1765



950C3A



8A280F

# Triad

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



950C3A



0F5700



00579E

# Complementary

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



950C3A



0C9567

# 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.



005C85



950C3A



005C2F

# Square

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



950C3A



4B4F00



005D5D



004AA0

# Rectangle

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



950C3A



7A3800



005D5D



005998



# Sweetspot

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



950C3A



C28C9E



650C95



61404B



E0E0E0



616161



# Same Dimension

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



950C3A



C20041



95210C



4A4345



8A002E



0A0003



# Inverse Universe

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



950C3A



C20041



0C8095



4A4345



8A002E

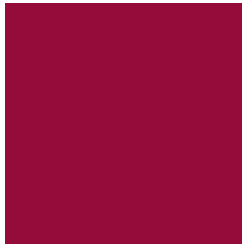


0A0003



# Previews

## White Background



This preview shows how the Hex color 950C3A looks on a white background.

## Color Contrast Check

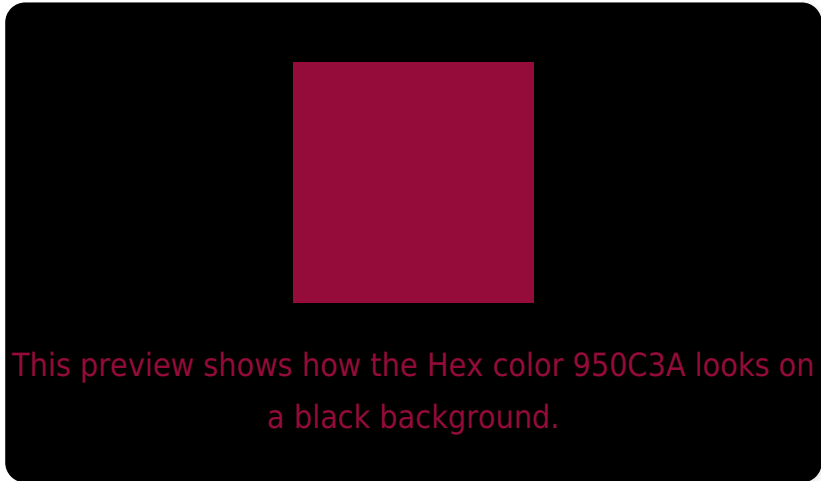
Large Text (above 18pt) WCAG AA ✓ Pass

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

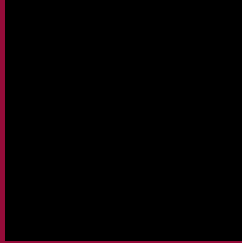
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 950C3A Background



This preview shows how black text looks on a background with the Hex color 950C3A.



This preview shows how white text looks on a background with the Hex color 950C3A.

# 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**  
941918

# Trichromacy



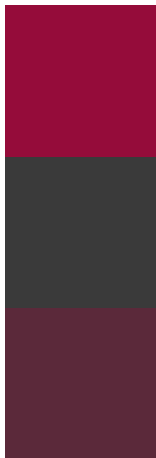
**Original Color**  
950C3A

**Protanomaly**  
67354B

**Deuteranomaly**  
713336

**Tritanomaly**  
941424

# Monochromacy



**Original Color**  
950C3A

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
5B293A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 950C3A 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 #950C3A looks like.

```
.text, #text, p{  
    color:#950C3A  
}
```

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 #950C3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #950C3A
}
```

## Border

The CSS property to change the border of an element to Hex 950C3A is called "border". The border property can be set on classes, ids or directly on the HTML element.

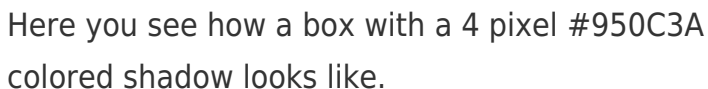
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#950C3A }
```

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

```
.border{ border-color:#950C3A }
```

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



Here you see how a box with a 4 pixel #950C3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #950C3A; -webkit-box-shadow:4px 4px  
4px 4px #950C3A; box-shadow:4px 4px 4px  
4px #950C3A }
```

# Background

The CSS property to change the background color of an element to Hex 950C3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#950C3A }
```

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

```
.background{ background-color:#950C3A }
```

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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