

# Converting Colors

Hex(9F3637)

Have a look what the booklet for  
Hex(9F3637) contains.

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# Color

**Hex(9F3637)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F3637
RGB	159, 54, 55
RGB Percent	62%, 21%, 22%
CMY	0.3765, 0.7882, 0.7843
CMYK	0.00, 0.66, 0.65, 0.38
HSL	359°, 49%, 42%
HSV	359°, 66%, 62%
XYZ	16.3068, 10.2851, 4.7402
YIQ	85.5090, 62.2590, 22.5710

# Conversions

## Conversions Part 2

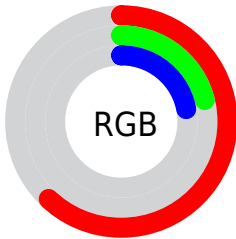
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 54, 55
Decimal	10434103
CIE <sub>Lab</sub>	38.35, 43.57, 23.35
CIE <sub>LCh</sub>	38, 49.429, 28.188
Yxy	10.2851, 0.5205, 0.3283
Android (android.graphics.Color)	4288624183 (0xFF9F3637)
YUV	85.5090, -15.0409, 64.4516
Hunter-Lab	32.0704, 34.6387, 13.6859

# Details

The Hex color **9F3637** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **369F9E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **DB6A66**, and **65000C** is the 20% darker color. If you saturate the color by 10%, you get **9F2627**, and if you desaturate by 10%, it is **9F4647**.

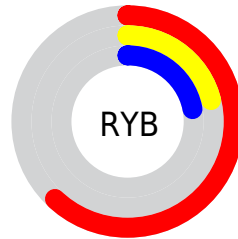
# Distribution



Red (62%)

Green (21%)

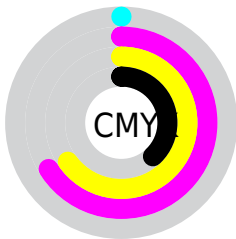
Blue (22%)



Red (62%)

Yellow (21%)

Blue (22%)

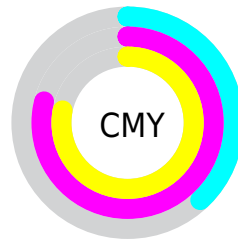


Cyan (0%)

Magenta (66%)

Yellow (65%)

Black (38%)



Cyan (38%)

Magenta (79%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F3637 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 9F3637 by changing the saturation by 10% instead.



 9F3637

 9F3637

FFFFFF

 821A22

 DB6A66

 65000C

 F9857F

 490000

 FFA099

 2F0002

 FFBCB4

 000000

 FFD8CF

 FFF5EB

 9F3637

 9F3637

 9F2627

 9F4647

 9F1618

 9F5656

 9F0608

 9F6666

 9F0002

 9F7676

 9F8686

 9F9595

 9FA5A5

 9FB5B5

 9FC5C5

# Harmonies

## Analogous

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



9F305E



9F3637



8D4713

# Triad

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



9F3637



00692D



0060AB

# Complementary

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



9F3637



369F9E

# 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.



00699E



9F3637



006C57

# Square

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



9F3637



486304



006C7F



5451A1

# Rectangle

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



9F3637



7A5300



006C7F



0064A9



# Sweetspot

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



9F3637



CFA5A6



9D369F



694F50



E8E8E8



696969



# Same Dimension

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



9F3637



CF2B2D



9F6936



4F4747



8F0001



0F0000



# Inverse Universe

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



9F3637



CF2B2D



366C9F



4F4747



8F0001



0F0000



# Previews

## White Background



This preview shows how the Hex color 9F3637 looks on a white background.

## Color Contrast Check

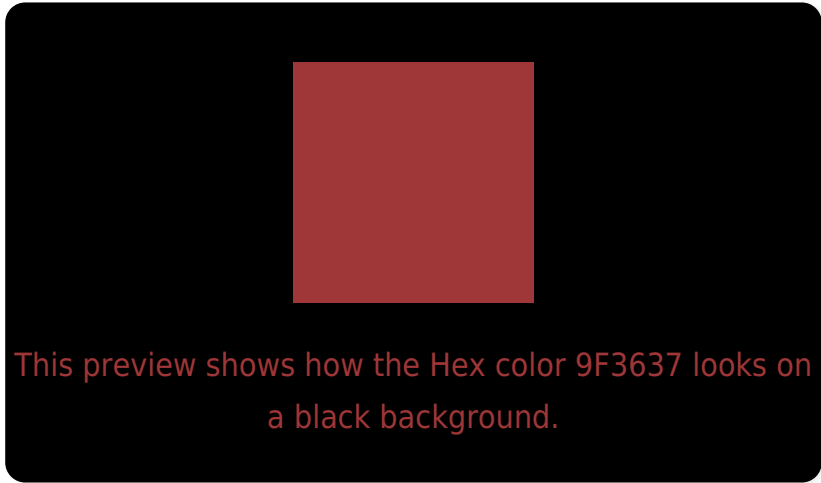
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 9F3637 Background



This preview shows how black text looks on a background with the Hex color 9F3637.

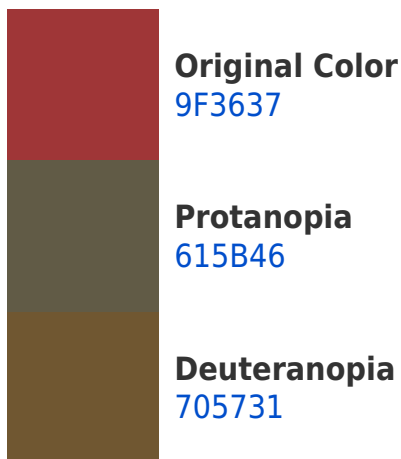


This preview shows how white text looks on a background with the Hex color 9F3637.

# 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**  
9F3639

# Trichromacy



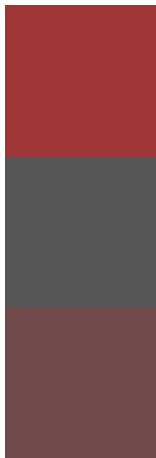
**Original Color**  
9F3637

**Protanomaly**  
784E41

**Deuteranomaly**  
814B33

**Tritanomaly**  
9F3638

# Monochromacy



**Original Color**  
9F3637

**Achromatopsia**  
565656

**Achromatomaly**  
714A4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F3637 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 #9F3637 looks like.

```
.text, #text, p{  
    color:#9F3637  
}
```

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 #9F3637 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F3637
}
```

## Border

The CSS property to change the border of an element to Hex 9F3637 is called "border". The border property can be set on classes, ids or directly on the HTML element.

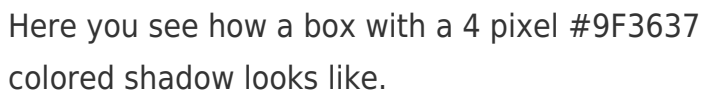
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F3637 }
```

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

```
.border{ border-color:#9F3637 }
```

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



Here you see how a box with a 4 pixel #9F3637 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F3637; -webkit-box-shadow:4px 4px  
4px 4px #9F3637; box-shadow:4px 4px 4px  
4px #9F3637 }
```

# Background

The CSS property to change the background color of an element to Hex 9F3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F3637 }
```

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

```
.background{ background-color:#9F3637 }
```

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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