

# Converting Colors

Hex(9F353F)

Have a look what the booklet for  
Hex(9F353F) contains.

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# Color

**Hex(9F353F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F353F
RGB	159, 53, 63
RGB Percent	62%, 21%, 25%
CMY	0.3765, 0.7922, 0.7529
CMYK	0.00, 0.67, 0.60, 0.38
HSL	354°, 50%, 42%
HSV	354°, 67%, 62%
XYZ	16.4684, 10.2760, 5.8181
YIQ	85.8340, 59.9660, 25.5820

# Conversions

## Conversions Part 2

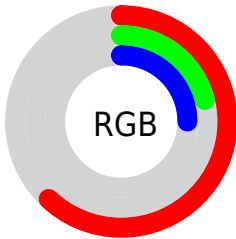
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 53, 63
Decimal	10433855
CIE <sub>Lab</sub>	38.33, 44.55, 18.35
CIE <sub>LCh</sub>	38, 48.180, 22.384
Yxy	10.2760, 0.5057, 0.3156
Android (android.graphics.Color)	4288623935 (0xFF9F353F)
YUV	85.8340, -11.2572, 64.1666
Hunter-Lab	32.0562, 35.6032, 11.6784

# Details

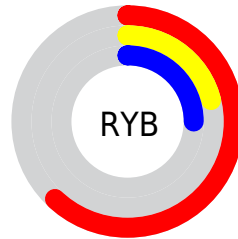
The Hex color **9F353F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **359F95**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **DA6A6E**, and **650015** is the 20% darker color. If you saturate the color by 10%, you get **9F2531**, and if you desaturate by 10%, it is **9F454D**.

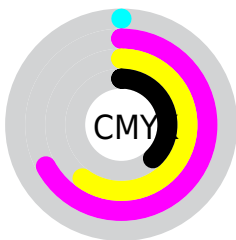
# Distribution



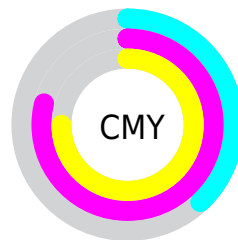
- Red (62%)
- Green (21%)
- Blue (25%)



- Red (62%)
- Yellow (21%)
- Blue (25%)



- Cyan (0%)
- Magenta (67%)
- Yellow (60%)
- Black (38%)



- Cyan (38%)
- Magenta (79%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F353F 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 9F353F by changing the saturation by 10% instead.



 9F353F

 9F353F

FFFFFF

 821829

 DA6A6E

 650015

 F98488

 4A0000

 FFA0A2

 300002

 FFBBBD

 000000

 FFD8D9

 FFF5F5

 9F353F

 9F353F

 9F2531

 9F454D

 9F1522

 9F555C

 9F0514

 9F656A

 9F000F

 9F7579

 9F8587

 9F9495

 9FA4A4

 9FB4B2

 9FC4C1

# Harmonies

## Analogous

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



9B3366



9F353F



91451C

# Triad

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



9F353F



196827



0062A8

# Complementary

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



9F353F



359F95

# 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.



006998



9F353F



006C4F

# Square

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



9F353F



516101



006C77



4554A3

# Rectangle

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



9F353F



7F5004



006C77



0065A5



# Sweetspot

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



9F353F



CFA5A9



94359F



694F52



E8E8E8



696969



# Same Dimension

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



9F353F



CF2939



9F5F35



4F4748



8F000D



0F0001



# Inverse Universe

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



9F353F



CF2939



35759F



4F4748



8F000D



0F0001



# Previews

## White Background



This preview shows how the Hex color 9F353F looks on a white background.

## Color Contrast Check

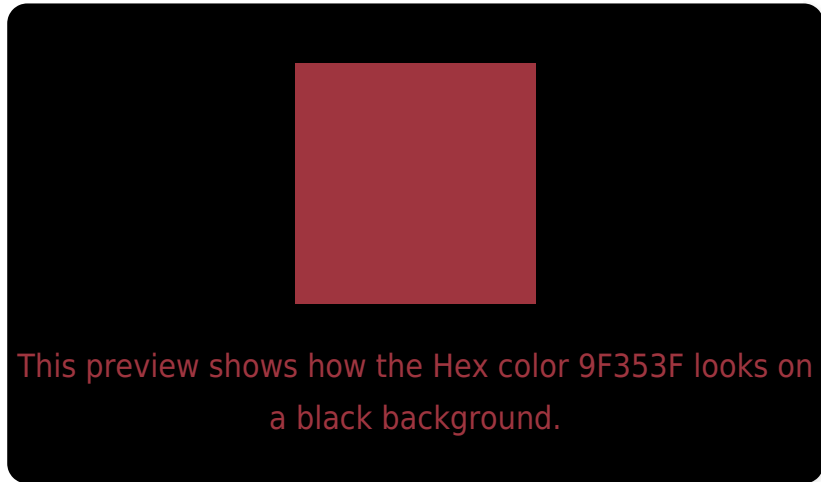
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F353F Background



This preview shows how black text looks on a background with the Hex color 9F353F.

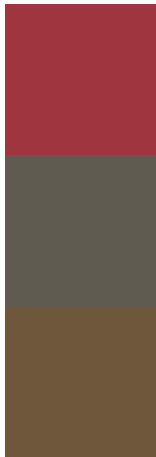


This preview shows how white text looks on a background with the Hex color 9F353F.

# 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**  
9F353F

**Protanopia**  
5F5B50

**Deuteranopia**  
6E573A



**Tritanopia**  
9F3639

# Trichromacy



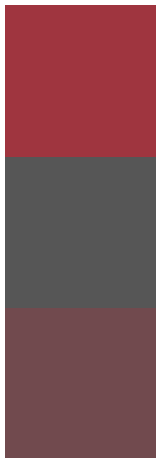
**Original Color**  
9F353F

**Protanomaly**  
764D4A

**Deuteranomaly**  
804B3C

**Tritanomaly**  
9F363B

# Monochromacy



**Original Color**  
9F353F

**Achromatopsia**  
565656

**Achromatomaly**  
714A4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F353F 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 #9F353F looks like.

```
.text, #text, p{  
    color:#9F353F  
}
```

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 #9F353F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F353F
}
```

## Border

The CSS property to change the border of an element to Hex 9F353F is called "border". The border property can be set on classes, ids or directly on the HTML element.

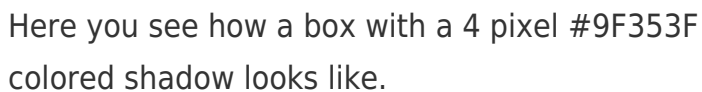
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F353F }
```

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

```
.border{ border-color:#9F353F }
```

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



Here you see how a box with a 4 pixel #9F353F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F353F; -webkit-box-shadow:4px 4px  
4px 4px #9F353F; box-shadow:4px 4px 4px  
4px #9F353F }
```

# Background

The CSS property to change the background color of an element to Hex 9F353F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F353F }
```

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

```
.background{ background-color:#9F353F }
```

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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