

# Converting Colors

Hex(9F3523)

Have a look what the booklet for  
Hex(9F3523) contains.

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**Color**

**Hex(9F3523)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F3523
RGB	159, 53, 35
RGB Percent	62%, 21%, 14%
CMY	0.3765, 0.7922, 0.8627
CMYK	0.00, 0.67, 0.78, 0.38
HSL	9°, 64%, 38%
HSV	9°, 78%, 62%
XYZ	15.8746, 10.0385, 2.6910
YIQ	82.6420, 68.9540, 16.8740

# Conversions

## Conversions Part 2

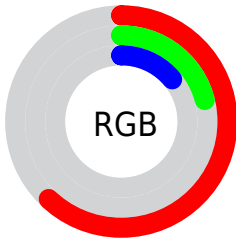
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 56, 35
Decimal	10433827
CIE Lab	37.91, 42.98, 34.69
CIE LCh	38, 55.233, 38.912
Yxy	10.0385, 0.5550, 0.3509
Android (android.graphics.Color)	4288623907 (0xFF9F3523)
YUV	82.6420, -23.4875, 66.9660
Hunter-Lab	31.6836, 33.9884, 17.1427

# Details

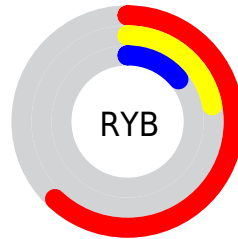
The Hex color **9F3523** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **238D9F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **DC6951**, and **640000** is the 20% darker color. If you saturate the color by 10%, you get **9F2713**, and if you desaturate by 10%, it is **9F4333**.

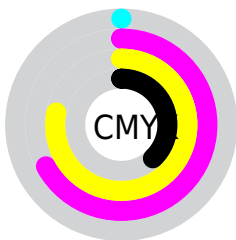
# Distribution



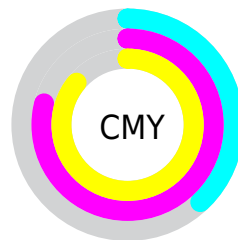
- Red (62%)
- Green (21%)
- Blue (14%)



- Red (62%)
- Yellow (22%)
- Blue (14%)



- Cyan (0%)
- Magenta (67%)
- Yellow (78%)
- Black (38%)



- Cyan (38%)
- Magenta (79%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F3523 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 9F3523 by changing the saturation by 10% instead.



 9F3523

 9F3523

FFFFFF

 81190D

 DC6951

 640000

 FB8469

 470000

 FF9F83

 2E0002

 FFBB9D

 000000

 FFD7B8

 FFF4D4

 FFFFF0

 9F3523

 9F3523

■ 9F2713

■ 9F4333

■ 9F1A03

■ 9F5043

■ 9F1700

■ 9F5E53

■ 9F6B63

■ 9F7972

■ 9F8782

■ 9F9492

■ 9FA2A2

■ 9FAFB2

# Harmonies

## Analogous

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



A7244E



9F3523



854B00

# Triad

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



9F3523



006B37



005AB2

# Complementary

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



9F3523



238D9F

# 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.



0067AD



9F3523



006D66

# Square

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



9F3523



2E6602



006C91



6A479F

# Rectangle

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



9F3523



6E5700



006C91



005FB3



# Sweetspot

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



9F3523



CFA69F



9F238E



69504B



E8E8E8



696969



# Same Dimension

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



9F3523



CF290C



9F7223



4F4847



8F1500



0F0200



# Inverse Universe

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



238D9F



0CB2CF



23509F



474E4F



007A8F



000D0F



# Previews

## White Background



This preview shows how the Hex color 9F3523 looks on a white background.

## Color Contrast Check

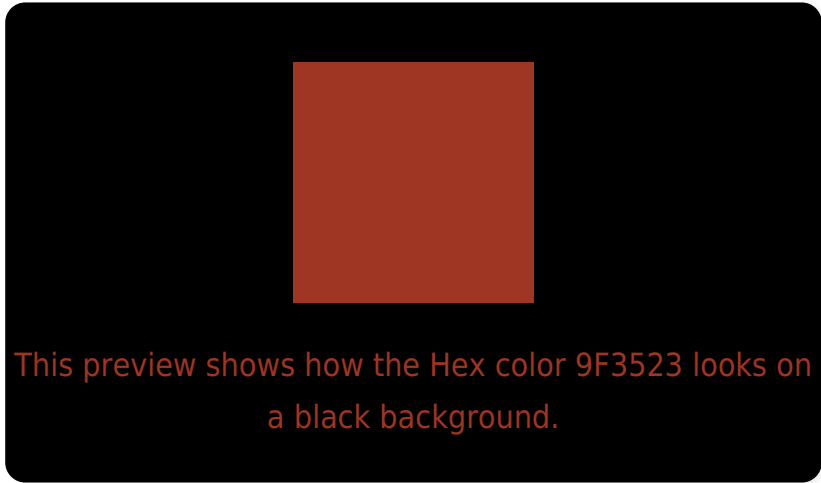
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F3523 Background



This preview shows how black text looks on a background with the Hex color 9F3523.



This preview shows how white text looks on a background with the Hex color 9F3523.

# 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**  
9F3523

**Protanopia**  
645A2E

**Deuteranopia**  
71561B



**Tritanopia**  
A03335

# Trichromacy



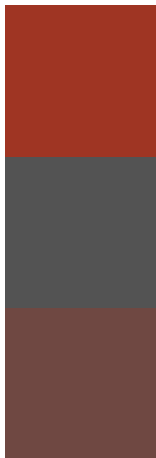
**Original Color**  
9F3523

**Protanomaly**  
794D2A

**Deuteranomaly**  
824A1E

**Tritanomaly**  
A0342E

# Monochromacy



**Original Color**  
9F3523

**Achromatopsia**  
535353

**Achromatomaly**  
6F4842

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F3523 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 #9F3523 looks like.

```
.text, #text, p{  
    color:#9F3523  
}
```

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 #9F3523 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F3523
}
```

## Border

The CSS property to change the border of an element to Hex 9F3523 is called "border". The border property can be set on classes, ids or directly on the HTML element.

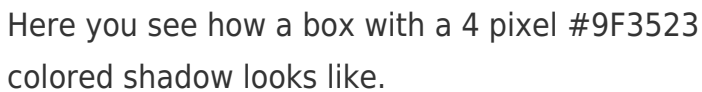
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F3523 }
```

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

```
.border{ border-color:#9F3523 }
```

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



Here you see how a box with a 4 pixel #9F3523 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F3523; -webkit-box-shadow:4px 4px  
4px 4px #9F3523; box-shadow:4px 4px 4px  
4px #9F3523 }
```

# Background

The CSS property to change the background color of an element to Hex 9F3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F3523 }
```

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

```
.background{ background-color:#9F3523 }
```

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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