

# Converting Colors

Hex(9D3523)

Have a look what the booklet for  
Hex(9D3523) contains.

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# Color

**Hex(9D3523)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D3523
RGB	157, 53, 35
RGB Percent	62%, 21%, 14%
CMY	0.3843, 0.7922, 0.8627
CMYK	0.00, 0.66, 0.78, 0.38
HSL	9°, 64%, 38%
HSV	9°, 78%, 62%
XYZ	15.4811, 9.8357, 2.6726
YIQ	82.0440, 67.7620, 16.4500

# Conversions

## Conversions Part 2

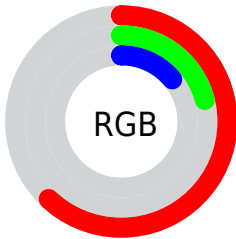
Format	Color
<a href="#">RYB</a>	<a href="#">157, 56, 35</a>
Decimal	<a href="#">10302755</a>
CIELab	<a href="#">37.55, 42.26, 34.20</a>
CIElCh	<a href="#">38, 54.362, 38.980</a>
Yxy	<a href="#">9.8357, 0.5531, 0.3514</a>
Android (android.graphics.Color)	<a href="#">4288492835 (0xFF9D3523)</a>
YUV	<a href="#">82.0440, -23.1927, 65.7364</a>
Hunter-Lab	<a href="#">31.3618, 33.2295, 16.9006</a>

# Details

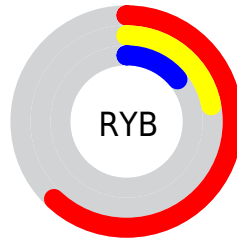
The Hex color **9D3523** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **238B9D**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **D96951**, and **630000** is the 20% darker color. If you saturate the color by 10%, you get **9D2813**, and if you desaturate by 10%, it is **9D4233**.

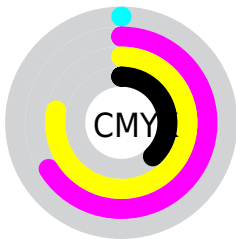
# Distribution



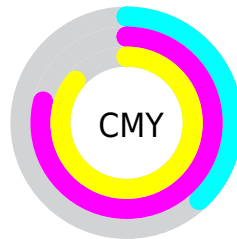
- Red (62%)
- Green (21%)
- Blue (14%)



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



- Cyan (0%)
- Magenta (66%)
- Yellow (78%)
- Black (38%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D3523 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 9D3523 by changing the saturation by 10% instead.



 9D3523

 9D3523

FFFFFF

 7F1A0D

 D96951

 630000

 F88369

 450000

 FF9E83

 2C0001

 FFBA9D

 000000

 FFD6B8

 FFF3D4

 FFFFF0

 9D3523

 9D3523

 9D2813

 9D4233

 9D1A04

 9D5042

 9D1700

 9D5D52

 9D6B62

 9D7872

 9D8581

 9D9391

 9DA0A1

 9DADB0

# Harmonies

## Analogous

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



A5254D



9D3523



844A00

# Triad

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



9D3523



006A37



005AB0

# Complementary

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



9D3523



238B9D

# 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.



0066AB



9D3523



006C65

# Square

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



9D3523



2E6504



006B8F



69469D

# Rectangle

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



9D3523



6D5600



006B8F



005EB1



# Sweetspot

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



9D3523



CCA49D



9D238D



664E49



E6E6E6



666666



# Same Dimension

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



9D3523



CC2A0E



9D7023



4F4847



8F1500



0F0200



# Inverse Universe

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



238B9D



0EB0CC



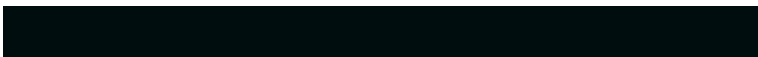
23509D



474E4F



007A8F



000D0F



# Previews

## White Background



This preview shows how the Hex color 9D3523 looks on a white background.

## Color Contrast Check

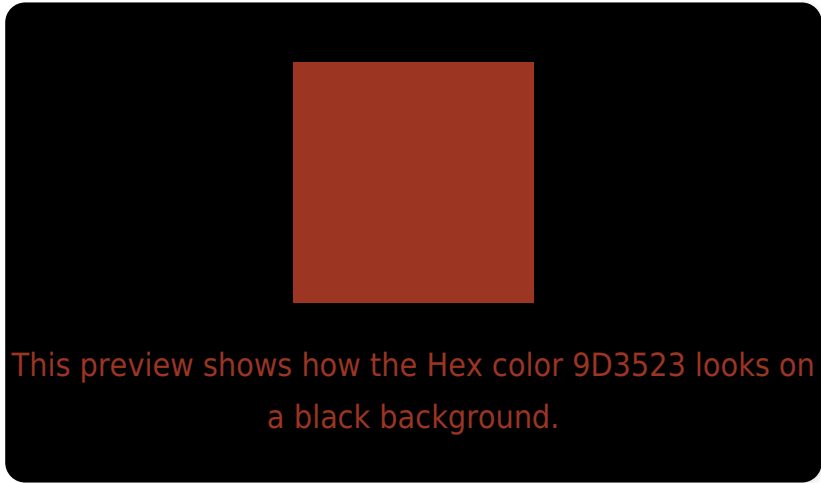
Large Text (above 18pt) WCAG AA ✓ Pass

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

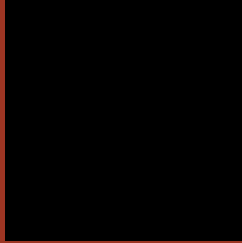
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9D3523 Background



This preview shows how black text looks on a background with the Hex color 9D3523.



This preview shows how white text looks on a background with the Hex color 9D3523.

# 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**  
9D3523

**Protanopia**  
63592E

**Deuteranopia**  
70551B



**Tritanopia**  
9E3335

# Trichromacy



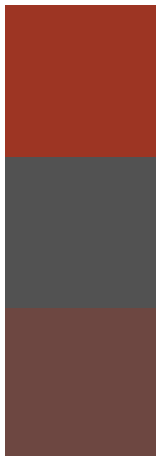
**Original Color**  
9D3523

**Protanomaly**  
784C2A

**Deuteranomaly**  
80491E

**Tritanomaly**  
9E342E

# Monochromacy



**Original Color**  
9D3523

**Achromatopsia**  
525252

**Achromatomaly**  
6D4741

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D3523 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 #9D3523 looks like.

```
.text, #text, p{  
    color:#9D3523  
}
```

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 #9D3523 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D3523
}
```

## Border

The CSS property to change the border of an element to Hex 9D3523 is called "border". The border property can be set on classes, ids or directly on the HTML element.

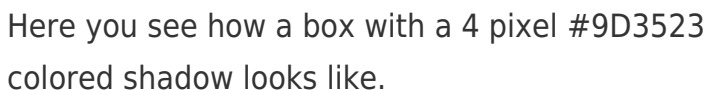
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D3523 }
```

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

```
.border{ border-color:#9D3523 }
```

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



Here you see how a box with a 4 pixel #9D3523 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D3523; -webkit-box-shadow:4px 4px  
4px 4px #9D3523; box-shadow:4px 4px 4px  
4px #9D3523 }
```

# Background

The CSS property to change the background color of an element to Hex 9D3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D3523 }
```

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

```
.background{ background-color:#9D3523 }
```

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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