

# Converting Colors

Hex(9C3521)

Have a look what the booklet for  
Hex(9C3521) contains.

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**Color**

**Hex(9C3521)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C3521
RGB	156, 53, 33
RGB Percent	61%, 21%, 13%
CMY	0.3882, 0.7922, 0.8706
CMYK	0.00, 0.66, 0.79, 0.39
HSL	10°, 65%, 37%
HSV	10°, 79%, 61%
XYZ	15.2579, 9.7239, 2.5116
YIQ	81.5170, 67.8080, 15.6160

# Conversions

## Conversions Part 2

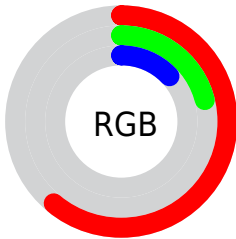
Format	Color
<b>R<sub>YB</sub></b>	156, 57, 33
Decimal	10237217
CIE Lab	37.34, 41.82, 35.04
CIE LCh	37, 54.556, 39.958
Yxy	9.7239, 0.5550, 0.3537
Android (android.graphics.Color)	4288427297 (0xFF9C3521)
YUV	81.5170, -23.9189, 65.3216
Hunter-Lab	31.1832, 32.7692, 17.0529

# Details

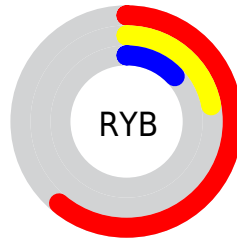
The Hex color **9C3521** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21889C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **D8694F**, and **620000** is the 20% darker color. If you saturate the color by 10%, you get **9C2811**, and if you desaturate by 10%, it is **9C4231**.

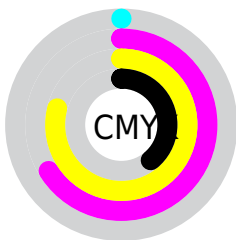
# Distribution



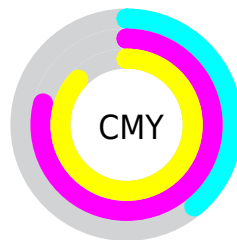
- Red (61%)
- Green (21%)
- Blue (13%)



- Red (61%)
- Yellow (22%)
- Blue (13%)



- Cyan (0%)
- Magenta (66%)
- Yellow (79%)
- Black (39%)



- Cyan (39%)
- Magenta (79%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C3521 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 9C3521 by changing the saturation by 10% instead.





9C3521



9C3521

FFFFFF



7E1A0B



D8694F



620000



F78367



450000



FF9E81



2B0001



FFBA9B



000000



FFD6B6



FFF3D1



FFFFEE



9C3521



9C3521

 9C2811

 9C4231

 9C1B02

 9C4F40

 9C1900

 9C5C50

 9C695F

 9C766F

 9C837F

 9C908E

 9C9E9E

 9CABAD

# Harmonies

## Analogous

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



A5244B



9C3521



824B00

# Triad

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



9C3521



006938



0059AF

# Complementary

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



9C3521



21889C

# 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.



0065AB



9C3521



006B66

# Square

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



9C3521



2B6405



006A90



6B459C

# Rectangle

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



9C3521



6B5600



006A90



005DB1



# Sweetspot

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



9C3521



CCA39B



9C218A



664D48



E6E6E6



666666



# Same Dimension

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



9C3521



CC2A0A



9C7121



4F4847



8F1700



0F0200



# Inverse Universe

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



21889C



0AACCC



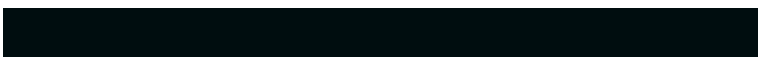
214C9C



474E4F



00788F



000D0F



# Previews

## White Background



This preview shows how the Hex color 9C3521 looks on a white background.

## Color Contrast Check

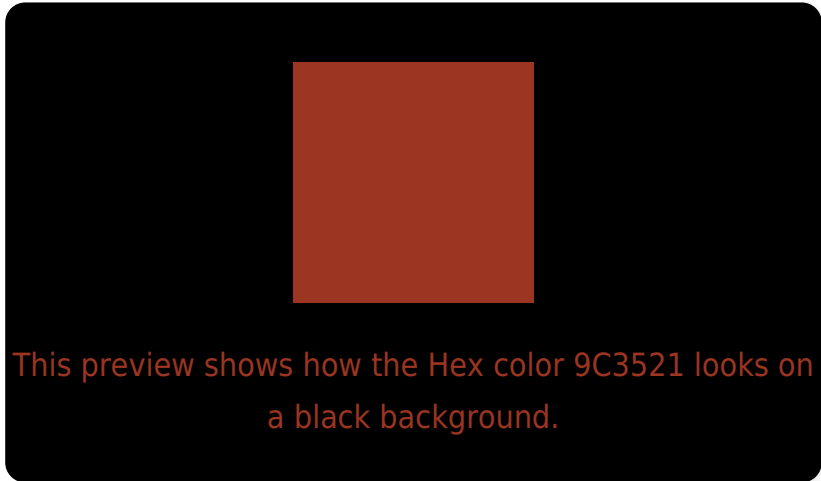
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C3521 Background



This preview shows how black text looks on a background with the Hex color 9C3521.



This preview shows how white text looks on a background with the Hex color 9C3521.

# 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**  
9C3521

**Protanopia**  
62592B

**Deuteranopia**  
705419



**Tritanopia**  
9D3335

# Trichromacy



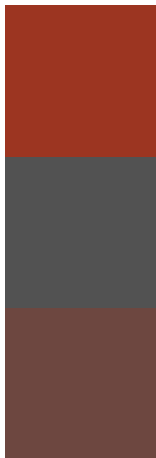
**Original Color**  
9C3521

**Protanomaly**  
774C27

**Deuteranomaly**  
80491C

**Tritanomaly**  
9D342E

# Monochromacy



**Original Color**  
9C3521

**Achromatopsia**  
525252

**Achromatomaly**  
6D4740

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C3521 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 #9C3521 looks like.

```
.text, #text, p{  
    color:#9C3521  
}
```

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 #9C3521 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C3521
}
```

## Border

The CSS property to change the border of an element to Hex 9C3521 is called "border". The border property can be set on classes, ids or directly on the HTML element.

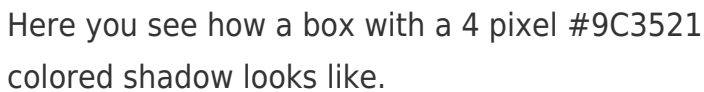
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C3521 }
```

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

```
.border{ border-color:#9C3521 }
```

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



Here you see how a box with a 4 pixel #9C3521 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C3521; -webkit-box-shadow:4px 4px  
4px 4px #9C3521; box-shadow:4px 4px 4px  
4px #9C3521 }
```

# Background

The CSS property to change the background color of an element to Hex 9C3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C3521 }
```

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

```
.background{ background-color:#9C3521 }
```

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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