

Converting Colors

Hex(9C3237)

Have a look what the booklet for
Hex(9C3237) contains.

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Color

Hex(9C3237)

Conversions

Conversions Part 1

Format	Color
Hex	9C3237
RGB	156, 50, 55
RGB Percent	61%, 20%, 22%
CMY	0.3882, 0.8039, 0.7843
CMYK	0.00, 0.68, 0.65, 0.39
HSL	357°, 51%, 40%
HSV	357°, 68%, 61%
XYZ	15.5405, 9.6250, 4.6532
YIQ	82.2640, 61.5710, 24.0270

Conversions

Conversions Part 2

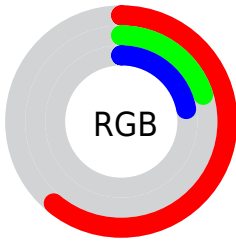
Format	Color
R_{YB}	156, 50, 55
Decimal	10236471
CIE Lab	37.16, 44.27, 21.73
CIE LCh	37, 49.314, 26.148
Yxy	9.6250, 0.5212, 0.3228
Android (android.graphics.Color)	4288426551 (0xFF9C3237)
YUV	82.2640, -13.4412, 64.6665
Hunter-Lab	31.0241, 35.1214, 12.8243

Details

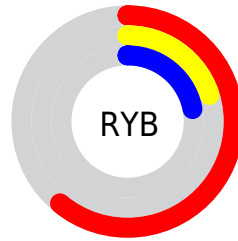
The Hex color **9C3237** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **329C97**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **D76766**, and **62000C** is the 20% darker color. If you saturate the color by 10%, you get **9C2228**, and if you desaturate by 10%, it is **9C4246**.

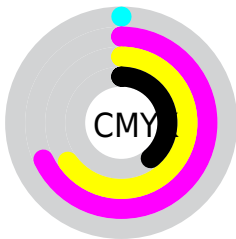
Distribution



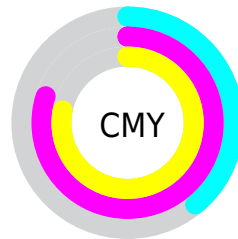
- Red (61%)
- Green (20%)
- Blue (22%)



- Red (61%)
- Yellow (20%)
- Blue (22%)



- Cyan (0%)
- Magenta (68%)
- Yellow (65%)
- Black (39%)



- Cyan (39%)
- Magenta (80%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C3237 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 9C3237 by changing the saturation by 10% instead.



9C3237



9C3237

FFFFFF



7F1522



D76766



62000C



F6817F



460000



FF9C99



2C0001



FFB8B3



000000



FFD4CF



FFF1EB



9C3237



9C3237



9C2228



9C4246

■ 9C1319

■ 9C5155

■ 9C030A

■ 9C6164

■ 9C0007

■ 9C7072

■ 9C8081

■ 9C9090

■ 9C9F9F

■ 9CAFAE

■ 9CBEBD

Harmonies

Analogous

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



9A2D5E



9C3237



8B4312

Triad

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



9C3237



006628



005EA7

Complementary

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



9C3237



329C97

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.



006699



9C3237



006951

Square

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



9C3237



485F00



006979



4B4F9F

Rectangle

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



9C3237



794F00



006979



0061A5

Sweetspot

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



9C3237



CCA3A5



97329C



664E4F



E6E6E6



666666

Same Dimension

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



9C3237



CC252D



9C6232



4F4748



8F0007



0F0001

Inverse Universe

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



9C3237



CC252D



326C9C



4F4748



8F0007



0F0001

Previews

White Background



This preview shows how the Hex color 9C3237 looks on a white background.

Color Contrast Check

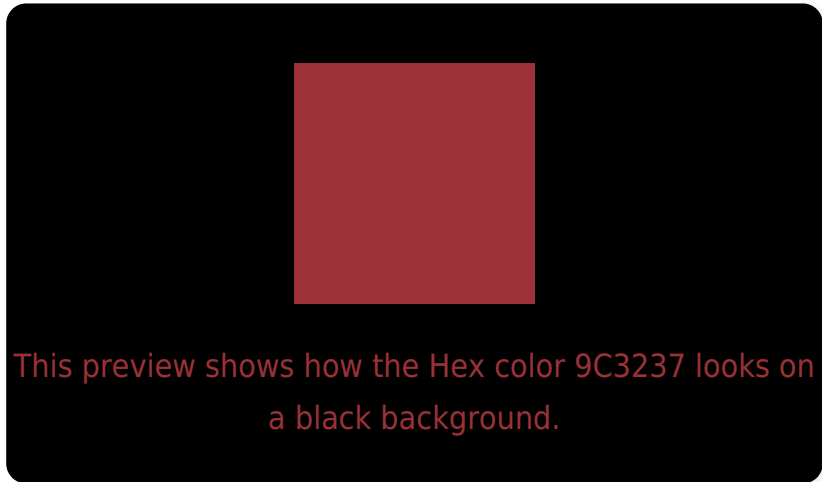
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C3237 Background



This preview shows how black text looks on a background with the Hex color 9C3237.




This preview shows how white text looks on a background with the Hex color 9C3237.

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
9C3235

Trichromacy



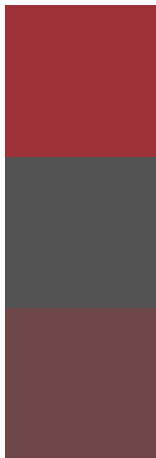
Original Color
9C3237

Protanomaly
754A41

Deuteranomaly
7D4833

Tritanomaly
9C3236

Monochromacy



Original Color
9C3237

Achromatopsia
525252

Achromatomaly
6D4648

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C3237 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 #9C3237 looks like.

```
.text, #text, p{  
    color:#9C3237  
}
```

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 #9C3237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C3237
}
```

Border

The CSS property to change the border of an element to Hex 9C3237 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
#9C3237 }
```

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

```
.border{ border-color:#9C3237 }
```

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

Here you see how a box with a 4 pixel #9C3237 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C3237; -webkit-box-shadow:4px 4px  
4px 4px #9C3237; box-shadow:4px 4px 4px  
4px #9C3237 }
```

Background

The CSS property to change the background color of an element to Hex 9C3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C3237 }
```

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

```
.background{ background-color:#9C3237 }
```

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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