

Converting Colors

Hex(9B2331)

Have a look what the booklet for
Hex(9B2331) contains.

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Color

Hex(9B2331)

Conversions

Conversions Part 1

Format	Color
Hex	9B2331
RGB	155, 35, 49
RGB Percent	61%, 14%, 19%
CMY	0.3922, 0.8627, 0.8078
CMYK	0.00, 0.77, 0.68, 0.39
HSL	353°, 63%, 37%
HSV	353°, 77%, 61%
XYZ	14.6730, 8.3924, 3.7523
YIQ	72.4760, 67.0260, 29.7940

Conversions

Conversions Part 2

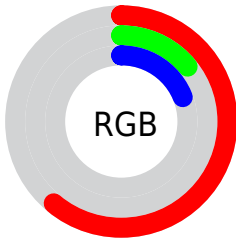
Format	Color
RYB	155, 35, 49
Decimal	10167089
CIELab	34.79, 49.31, 22.48
CIELCh	35, 54.196, 24.506
Yxy	8.3924, 0.5471, 0.3129
Android (android.graphics.Color)	4288357169 (0xFF9B2331)
YUV	72.4760, -11.5737, 72.3735
Hunter-Lab	28.9696, 39.7127, 12.5992

Details

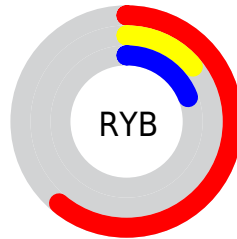
The Hex color **9B2331** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **239B8D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **D75B5F**, and **610003** is the 20% darker color. If you saturate the color by 10%, you get **9B1323**, and if you desaturate by 10%, it is **9B333F**.

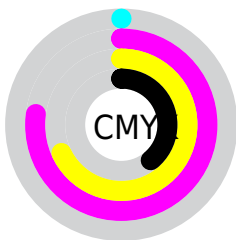
Distribution



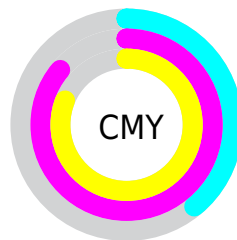
- Red (61%)
- Green (14%)
- Blue (19%)



- Red (61%)
- Yellow (14%)
- Blue (19%)



- Cyan (0%)
- Magenta (77%)
- Yellow (68%)
- Black (39%)



- Cyan (39%)
- Magenta (86%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B2331 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 9B2331 by changing the saturation by 10% instead.

 9B2331

 9B2331

FFFFFF

 7E001C

 D75B5F

 610003

 F67678

 440000

 FF9191

 280001

 FFADAC

 000000

 FFC9C7

 FFE6E3

 9B2331

 9B2331

 9B1323

 9B333F

 9B0416

 9B424C

 9B0012

 9B515A

 9B6168

 9B7175

 9B8083

 9B8F91

 9B9F9F

 9BAEAC

Harmonies

Analogous

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



991D5C



9B2331



8A3A04

Triad

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



9B2331



00611A



005AA9

Complementary

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



9B2331



239B8D

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.



006298



9B2331



006448

Square

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



9B2331



425A00



006575



3B4AA1

Rectangle

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



9B2331



764800



006575



005DA6

Sweetspot

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



9B2331



C99BA1



8D239B



66494D



E6E6E6



666666

Same Dimension

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



9B2331



C90E24



9B5123



4D4546



8C0010



0D0001

Inverse Universe

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



9B2331



C90E24



236D9B



4D4546



8C0010



0D0001

Previews

White Background



This preview shows how the Hex color 9B2331 looks on a white background.

Color Contrast Check

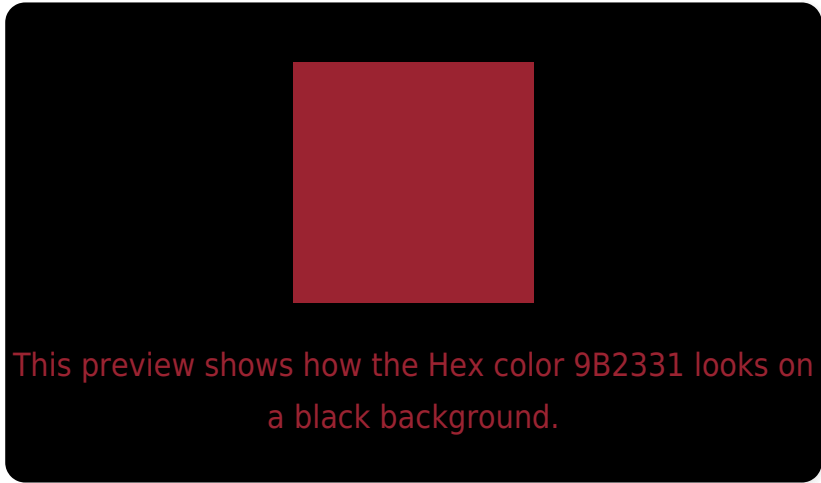
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B2331 Background



This preview shows how black text looks on a background with the Hex color 9B2331.



This preview shows how white text looks on a background with the Hex color 9B2331.

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
9B2331

Protanopia
585343

Deuteranopia
664F2A



Tritanopia
9B2526

Trichromacy



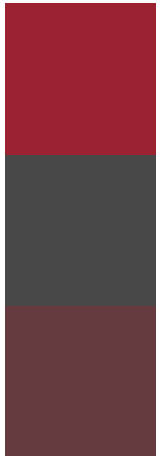
Original Color
9B2331

Protanomaly
70423C

Deuteranomaly
793F2D

Tritanomaly
9B242A

Monochromacy



Original Color
9B2331

Achromatopsia
484848

Achromatomaly
663B40

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B2331 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 #9B2331 looks like.

```
.text, #text, p{  
    color:#9B2331  
}
```

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 #9B2331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B2331
}
```

Border

The CSS property to change the border of an element to Hex 9B2331 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
#9B2331 }
```

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

```
.border{ border-color:#9B2331 }
```

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

Here you see how a box with a 4 pixel #9B2331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B2331; -webkit-box-shadow:4px 4px  
4px 4px #9B2331; box-shadow:4px 4px 4px  
4px #9B2331 }
```

Background

The CSS property to change the background color of an element to Hex 9B2331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B2331 }
```

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

```
.background{ background-color:#9B2331 }
```

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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