

Converting Colors

Hex(9B2D23)

Have a look what the booklet for
Hex(9B2D23) contains.

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Color

Hex(9B2D23)

Conversions

Conversions Part 1

Format	Color
Hex	9B2D23
RGB	155, 45, 35
RGB Percent	61%, 18%, 14%
CMY	0.3922, 0.8235, 0.8627
CMYK	0.00, 0.71, 0.77, 0.39
HSL	5°, 63%, 37%
HSV	5°, 77%, 61%
XYZ	14.7593, 8.9667, 2.5429
YIQ	76.7500, 68.7700, 20.2100

Conversions

Conversions Part 2

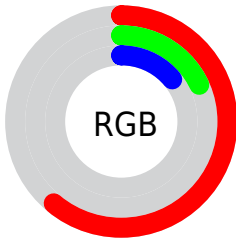
Format	Color
RYB	155, 46, 35
Decimal	10169635
CIELab	35.92, 44.96, 32.35
CIELCh	36, 55.384, 35.738
Yxy	8.9667, 0.5619, 0.3413
Android (android.graphics.Color)	4288359715 (0xFF9B2D23)
YUV	76.7500, -20.5827, 68.6253
Hunter-Lab	29.9444, 35.5783, 15.9261

Details

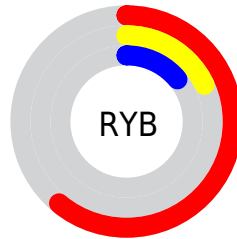
The Hex color **9B2D23** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **23919B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **D86250**, and **600000** is the 20% darker color. If you saturate the color by 10%, you get **9B1F13**, and if you desaturate by 10%, it is **9B3B33**.

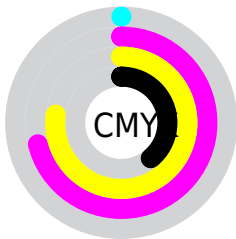
Distribution



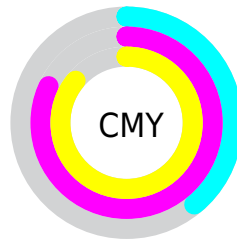
- Red (61%)
- Green (18%)
- Blue (14%)



- Red (61%)
- Yellow (18%)
- Blue (14%)



- Cyan (0%)
- Magenta (71%)
- Yellow (77%)
- Black (39%)



- Cyan (39%)
- Magenta (82%)
- Yellow (86%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B2D23 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 9B2D23 by changing the saturation by 10% instead.

 9B2D23

 9B2D23

FFFFFF

 7D0E0E

 D86250

 600000

 F67C69

 430000

 FF9882

 280001

 FFB39C

 000000

 FFD0B7

 FFECD3

 FFFFEF

 9B2D23

 9B2D23

■ 9B1F13

■ 9B3B33

■ 9B1104

■ 9B4942

■ 9B0D00

■ 9B5851

■ 9B6661

■ 9B7471

■ 9B8280

■ 9B908F

■ 9B9F9F

■ 9BADAE

Harmonies

Analogous

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



A11C4E



9B2D23



834400

Triad

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



9B2D23



00662D



0057AE

Complementary

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



9B2D23



23919B

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.



0063A6



9B2D23



00685C

Square

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



9B2D23



306000



006788



5E449D

Rectangle

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



9B2D23



6D5000



006788



005CAE

Sweetspot

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



9B2D23



C99F9B



9B2391



664C49



E6E6E6



666666

Same Dimension

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



9B2D23



C91E0E



9B6923



4D4545



8C0C00



0D0100

Inverse Universe

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



23919B



0EBAC9



23559B



454C4D



00818C



000C0D

Previews

White Background



This preview shows how the Hex color 9B2D23 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 9B2D23 Background



This preview shows how black text looks on a background with the Hex color 9B2D23.



This preview shows how white text looks on a background with the Hex color 9B2D23.

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

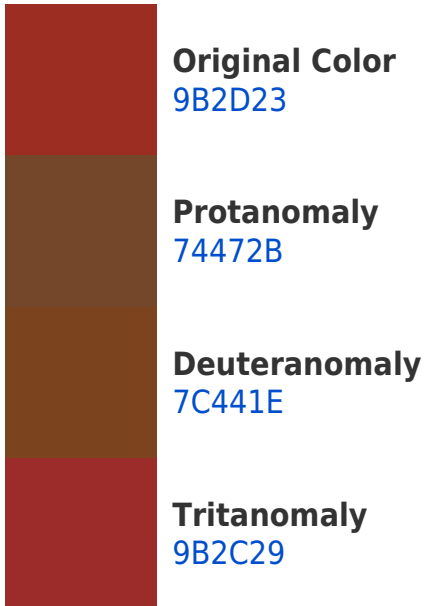


Original Color
9B2D23

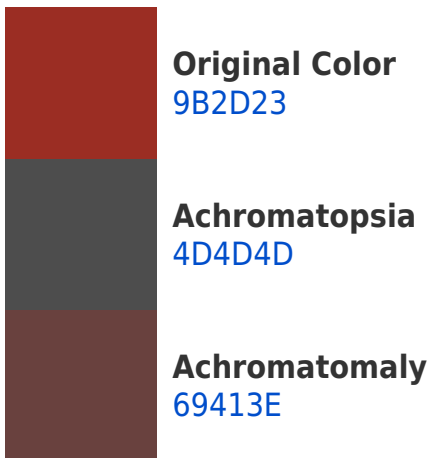
Protanopia
5E562F

Deuteranopia
6B511B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B2D23 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 #9B2D23 looks like.

```
.text, #text, p{  
    color:#9B2D23  
}
```

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 #9B2D23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B2D23 }  
}
```

Border

The CSS property to change the border of an element to Hex 9B2D23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

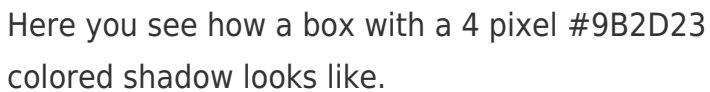
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #9B2D23 }  
}
```

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

```
.border{ border-color:#9B2D23 }
```

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



Here you see how a box with a 4 pixel #9B2D23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B2D23; -webkit-box-shadow:4px 4px  
4px 4px #9B2D23; box-shadow:4px 4px 4px  
4px #9B2D23 }
```

Background

The CSS property to change the background color of an element to Hex 9B2D23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B2D23 }
```

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

```
.background{ background-color:#9B2D23 }
```

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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