

Converting Colors

Hex(9C2223)

Have a look what the booklet for
Hex(9C2223) contains.

Hex(9C2223)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9C2223)

Conversions

Conversions Part 1

Format	Color
Hex	9C2223
RGB	156, 34, 35
RGB Percent	61%, 13%, 14%
CMY	0.3882, 0.8667, 0.8627
CMYK	0.00, 0.78, 0.78, 0.39
HSL	360°, 64%, 37%
HSV	360°, 78%, 61%
XYZ	14.5857, 8.3333, 2.4298
YIQ	70.5920, 72.3910, 26.1750

Conversions

Conversions Part 2

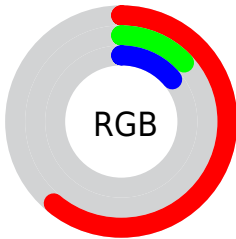
Format	Color
R_{YB}	156, 34, 35
Decimal	10232355
CIE Lab	34.67, 49.30, 31.05
CIE LCh	35, 58.259, 32.206
Yxy	8.3333, 0.5754, 0.3287
Android (android.graphics.Color)	4288422435 (0xFF9C2223)
YUV	70.5920, -17.5469, 74.9028
Hunter-Lab	28.8675, 39.6715, 15.2167

Details

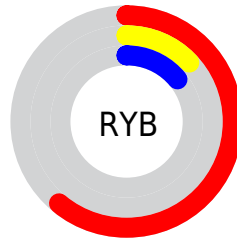
The Hex color **9C2223** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **229C9B**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **D95A50**, and **610000** is the 20% darker color. If you saturate the color by 10%, you get **9C1214**, and if you desaturate by 10%, it is **9C3232**.

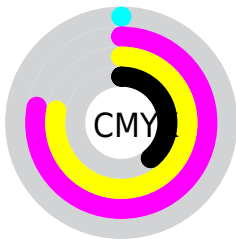
Distribution



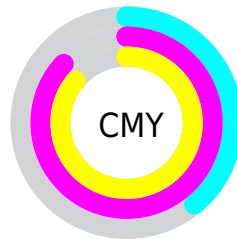
- Red (61%)
- Green (13%)
- Blue (14%)



- Red (61%)
- Yellow (13%)
- Blue (14%)



- Cyan (0%)
- Magenta (78%)
- Yellow (78%)
- Black (39%)



- Cyan (39%)
- Magenta (87%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C2223 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 9C2223 by changing the saturation by 10% instead.

 9C2223

 9C2223

FFFFFF

 7E000E

 D95A50

 610000

 F87568

 440000

 FF9082

 280001

 FFAC9C

 000000

 FFC8B7

 FFE5D2

 FFFFEF

 9C2223

 9C2223

■ 9C1214

■ 9C3232

■ 9C0304

■ 9C4142

■ 9C0001

■ 9C5151

■ 9C6061

■ 9C7070

■ 9C8080

■ 9C8F8F

■ 9C9F9F

■ 9CAEAE

Harmonies

Analogous

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



A00D50



9C2223



853E00

Triad

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



9C2223



006222



0057AF

Complementary

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



9C2223



229C9B

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.



0061A4



9C2223



006554

Square

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



9C2223



315C00



006582



5043A1

Rectangle

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



9C2223



6E4B00



006582



005BAF

Sweetspot

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



9C2223



CC9D9D



9A229C



66494A



E6E6E6



666666

Same Dimension

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



9C2223



CC0C0E



9C5D22



4F4747



8F0001



0F0000

Inverse Universe

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



9C2223



CC0C0E



22619C



4F4747



8F0001



0F0000

Previews

White Background



This preview shows how the Hex color 9C2223 looks on a white background.

Color Contrast Check

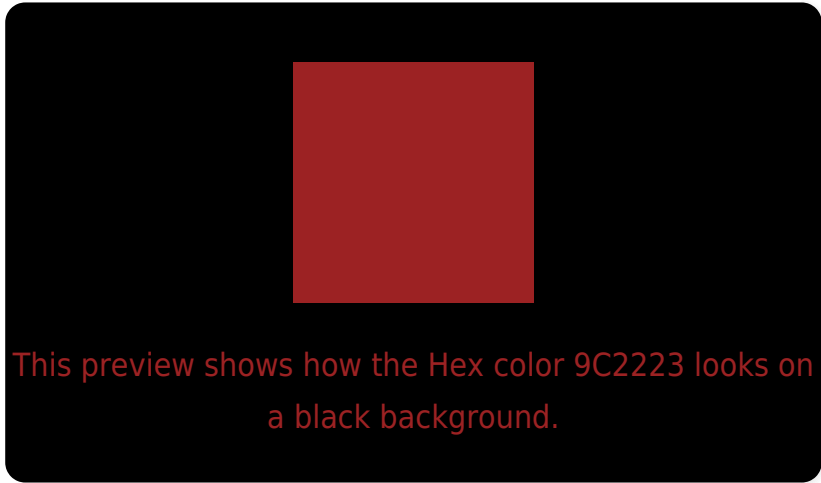
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C2223 Background



This preview shows how black text looks on a background with the Hex color 9C2223.



This preview shows how white text looks on a background with the Hex color 9C2223.

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



Trichromacy



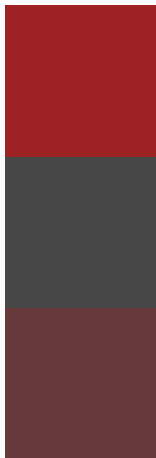
Original Color
9C2223

Protanomaly
73412D

Deuteranomaly
7B3F1D

Tritanomaly
9C2223

Monochromacy



Original Color
9C2223

Achromatopsia
474747

Achromatomaly
663A3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C2223 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 #9C2223 looks like.

```
.text, #text, p{  
    color:#9C2223  
}
```

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 #9C2223 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C2223
}
```

Border

The CSS property to change the border of an element to Hex 9C2223 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".

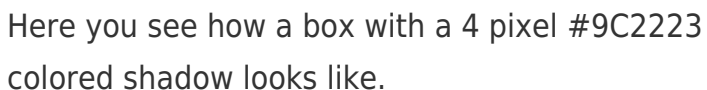
```
.border, #border, table{ border:4px solid
#9C2223 }
```

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

```
.border{ border-color:#9C2223 }
```

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

Here you see how a box with a 4 pixel #9C2223 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #9C2223 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C2223; -webkit-box-shadow:4px 4px  
4px 4px #9C2223; box-shadow:4px 4px 4px  
4px #9C2223 }
```

Background

The CSS property to change the background color of an element to Hex 9C2223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C2223 }
```

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

```
.background{ background-color:#9C2223 }
```

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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