

Converting Colors

Hex(9B2446)

Have a look what the booklet for
Hex(9B2446) contains.

Hex(9B2446)	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(9B2446)

Conversions

Conversions Part 1

Format	Color
Hex	9B2446
RGB	155, 36, 70
RGB Percent	61%, 14%, 27%
CMY	0.3922, 0.8588, 0.7255
CMYK	0.00, 0.77, 0.55, 0.39
HSL	343°, 62%, 37%
HSV	343°, 77%, 61%
XYZ	15.2539, 8.6725, 6.6643
YIQ	75.4570, 60.0100, 35.8020

Conversions

Conversions Part 2

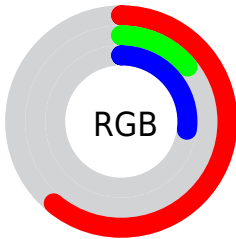
Format	Color
RYB	155, 36, 70
Decimal	10167366
CIELab	35.35, 50.40, 9.71
CIELCh	35, 51.325, 10.904
Yxy	8.6725, 0.4986, 0.2835
Android (android.graphics.Color)	4288357446 (0xFF9B2446)
YUV	75.4570, -2.6903, 69.7592
Hunter-Lab	29.4491, 40.9227, 7.1971

Details

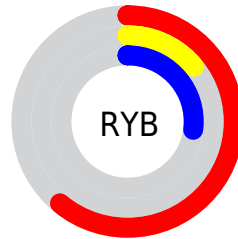
The Hex color **9B2446** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **249B79**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **D65C76**, and **62001B** is the 20% darker color. If you saturate the color by 10%, you get **9B153B**, and if you desaturate by 10%, it is **9B3451**.

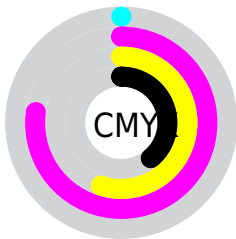
Distribution



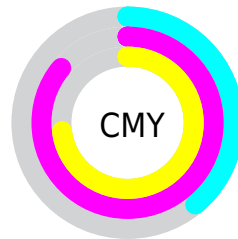
- Red (61%)
- Green (14%)
- Blue (27%)



- Red (61%)
- Yellow (14%)
- Blue (27%)



- Cyan (0%)
- Magenta (77%)
- Yellow (55%)
- Black (39%)



- Cyan (39%)
- Magenta (86%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B2446 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 9B2446 by changing the saturation by 10% instead.

 9B2446

 9B2446

FFFFFF

 7E0030

 D65C76

 62001B

 F47790

 460000

 FF92AA

 2B0001

 FFAEC5

 000000

 FFCBE1

 FFE7FE

 9B2446

 9B2446

 9B153B

 9B3451

 9B0530

 9B435C

 9B002C

 9B5367

 9B6272

 9B727D

 9B8188

 9B9194

 9BA09F

 9BB0AA

Harmonies

Analogous

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



8E2B6F



9B2446



92341F

Triad

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



9B2446



285F09



005FA1

Complementary

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



9B2446



249B79

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.



006488



9B2446



006437

Square

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



9B2446



585600



006561



0053A4

Rectangle

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



9B2446



844102



006561



00619B

Sweetspot

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



9B2446



C99BA8



77249B



664952



E6E6E6



666666

Same Dimension

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



9B2446



C91045



9B3C24



4D4547



8C0028



0D0004

Inverse Universe

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



9B2446



C91045



24839B



4D4547



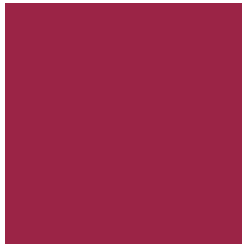
8C0028



0D0004

Previews

White Background



This preview shows how the Hex color 9B2446 looks on a white background.

Color Contrast Check

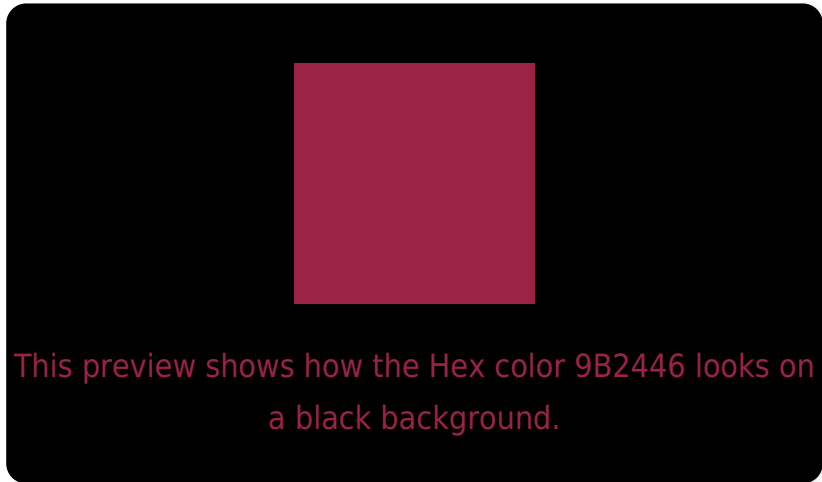
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B2446 Background



This preview shows how black text looks on a background with the Hex color 9B2446.

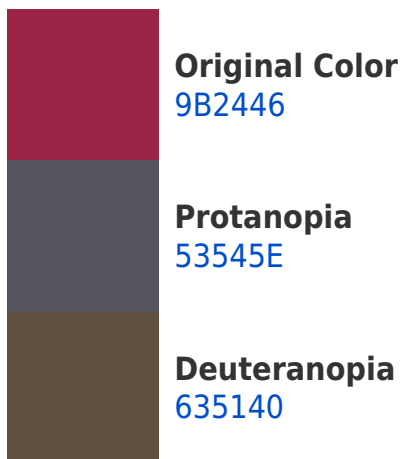


This preview shows how white text looks on a background with the Hex color 9B2446.

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
9A2A2C

Trichromacy



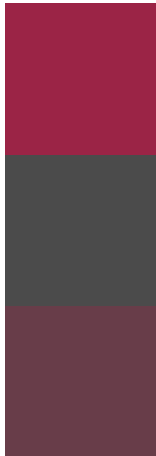
Original Color
9B2446

Protanomaly
6D4355

Deuteranomaly
774142

Tritanomaly
9A2835

Monochromacy



Original Color
9B2446

Achromatopsia
4B4B4B

Achromatomaly
683D49

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B2446 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 #9B2446 looks like.

```
.text, #text, p{  
    color:#9B2446  
}
```

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 #9B2446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B2446
}
```

Border

The CSS property to change the border of an element to Hex 9B2446 is called "border". The border property can be set on classes, ids or directly on the HTML element.

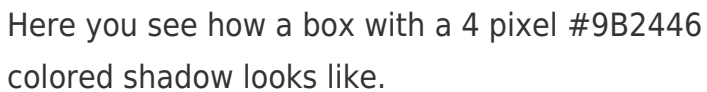
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B2446 }
```

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

```
.border{ border-color:#9B2446 }
```

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



Here you see how a box with a 4 pixel #9B2446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B2446; -webkit-box-shadow:4px 4px  
4px 4px #9B2446; box-shadow:4px 4px 4px  
4px #9B2446 }
```

Background

The CSS property to change the background color of an element to Hex 9B2446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B2446 }
```

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

```
.background{ background-color:#9B2446 }
```

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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