

Converting Colors

Hex(9A2238)

Have a look what the booklet for
Hex(9A2238) contains.

Hex(9A2238)	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(9A2238)

Conversions

Conversions Part 1

Format	Color
Hex	9A2238
RGB	154, 34, 56
RGB Percent	60%, 13%, 22%
CMY	0.3961, 0.8667, 0.7804
CMYK	0.00, 0.78, 0.64, 0.40
HSL	349°, 64%, 37%
HSV	349°, 78%, 60%
XYZ	14.6123, 8.2996, 4.5732
YIQ	72.3880, 64.4580, 32.2820

Conversions

Conversions Part 2

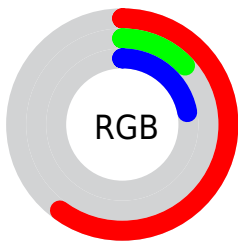
Format	Color
R_{YB}	154, 34, 56
Decimal	10101304
CIE _{Lab}	34.60, 49.75, 17.72
CIE _{LCh}	35, 52.814, 19.603
Yxy	8.2996, 0.5316, 0.3020
Android (android.graphics.Color)	4288291384 (0xFF9A2238)
YUV	72.3880, -8.0793, 71.5737
Hunter-Lab	28.8090, 40.1214, 10.7545

Details

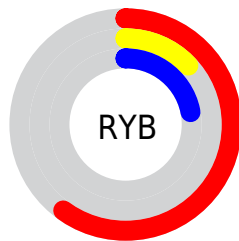
The Hex color **9A2238** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **229A84**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **D65A67**, and **60000E** is the 20% darker color. If you saturate the color by 10%, you get **9A132B**, and if you desaturate by 10%, it is **9A3145**.

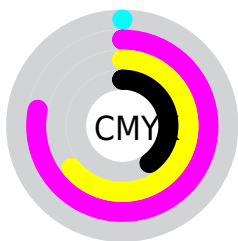
Distribution



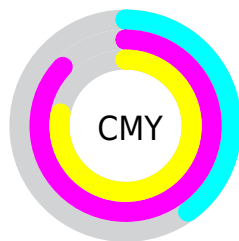
- Red (60%)
- Green (13%)
- Blue (22%)



- Red (60%)
- Yellow (13%)
- Blue (22%)



- Cyan (0%)
- Magenta (78%)
- Yellow (64%)
- Black (40%)



- Cyan (40%)
- Magenta (87%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A2238 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 9A2238 by changing the saturation by 10% instead.

 9A2238

 9A2238

FFFFFF

 7D0023

 D65A67

 60000E

 F47580

 440000

 FF909A

 280001

 FFACB4

 000000

 FFC8D0

 FFE5EC

 9A2238

 9A2238

 9A132B

 9A3145

 9A031F

 9A4151

 9A001C

 9A505E

 9A606A

 9A6F77

 9A7E83

 9A8E90

 9A9D9D

 9AADA9

Harmonies

Analogous

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



942262



9A2238



8C370F

Triad

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



9A2238



035F14



005BA5

Complementary

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



9A2238



229A84

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.



006291



9A2238



006341

Square

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



9A2238



495800



00646C



284DA1

Rectangle

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



9A2238



7A4400



00646C



005EA1

Sweetspot

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



9A2238



C99BA4



84229A



66494F



E6E6E6



666666

Same Dimension

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



9A2238



C90C2F



9A4822



4D4546



8C001A



0D0002

Inverse Universe

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



9A2238



C90C2F



22749A



4D4546



8C001A



0D0002

Previews

White Background



This preview shows how the Hex color 9A2238 looks on a white background.

Color Contrast Check

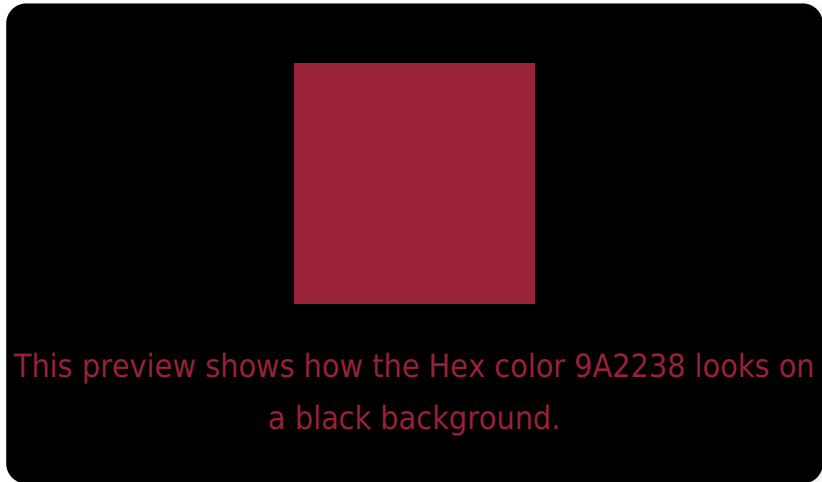
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A2238 Background



This preview shows how black text looks on a background with the Hex color 9A2238.

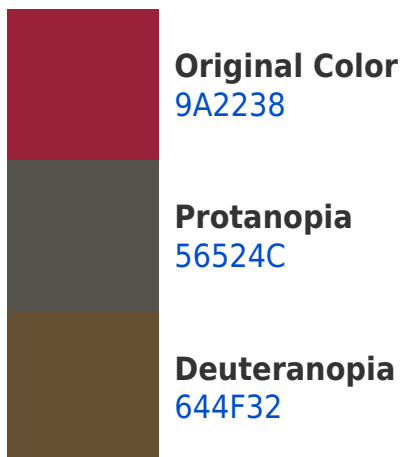


This preview shows how white text looks on a background with the Hex color 9A2238.

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



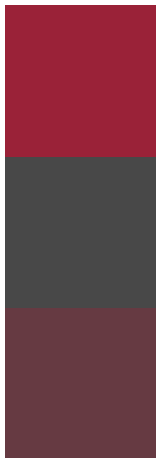
Original Color
9A2238

Protanomaly
6F4145

Deuteranomaly
783F34

Tritanomaly
99252D

Monochromacy



Original Color
9A2238

Achromatopsia
484848

Achromatomaly
663A42

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A2238 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 #9A2238 looks like.

```
.text, #text, p{  
    color:#9A2238  
}
```

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 #9A2238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A2238
}
```

Border

The CSS property to change the border of an element to Hex 9A2238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

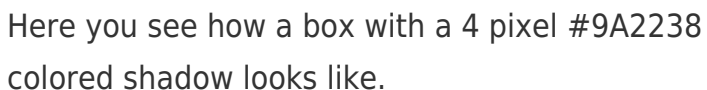
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A2238 }
```

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

```
.border{ border-color:#9A2238 }
```

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



Here you see how a box with a 4 pixel #9A2238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A2238; -webkit-box-shadow:4px 4px  
4px 4px #9A2238; box-shadow:4px 4px 4px  
4px #9A2238 }
```

Background

The CSS property to change the background color of an element to Hex 9A2238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A2238 }
```

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

```
.background{ background-color:#9A2238 }
```

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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