

Converting Colors

Hex(9A2048)

Have a look what the booklet for
Hex(9A2048) contains.

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Color

Hex(9A2048)

Conversions

Conversions Part 1

Format	Color
Hex	9A2048
RGB	154, 32, 72
RGB Percent	60%, 13%, 28%
CMY	0.3961, 0.8745, 0.7176
CMYK	0.00, 0.79, 0.53, 0.40
HSL	340°, 66%, 36%
HSV	340°, 79%, 60%
XYZ	15.0126, 8.3709, 6.9554
YIQ	73.0380, 59.8720, 38.3040

Conversions

Conversions Part 2

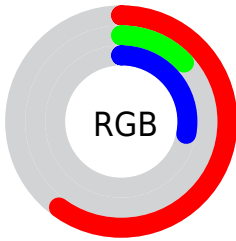
Format	Color
RYB	154, 32, 72
Decimal	10100808
CIELab	34.74, 51.55, 7.54
CIElCh	35, 52.103, 8.320
Yxy	8.3709, 0.4948, 0.2759
Android (android.graphics.Color)	4288290888 (0xFF9A2048)
YUV	73.0380, -0.5117, 71.0037
Hunter-Lab	28.9326, 41.9888, 5.9995

Details

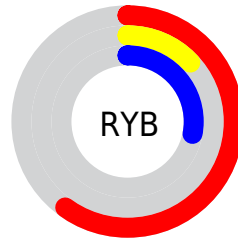
The Hex color **9A2048** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **209A72**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **D55978**, and **61001D** is the 20% darker color. If you saturate the color by 10%, you get **9A113E**, and if you desaturate by 10%, it is **9A2F52**.

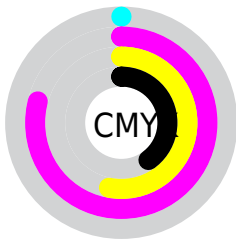
Distribution



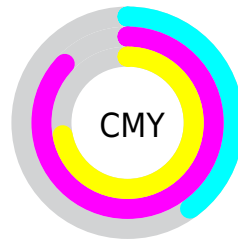
- Red (60%)
- Green (13%)
- Blue (28%)



- Red (60%)
- Yellow (13%)
- Blue (28%)



- Cyan (0%)
- Magenta (79%)
- Yellow (53%)
- Black (40%)



- Cyan (40%)
- Magenta (87%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A2048 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 9A2048 by changing the saturation by 10% instead.

 9A2048

 9A2048

FFFFFF

 7D0032

 D55978

 61001D

 F37492

 460002

 FF90AC

 2A0001

 FFACC8

 000000

 FFC8E4

 FFE5FF

 9A2048

 9A2048

 9A113E

 9A2F52

■ 9A0133

■ 9A3F5D

■ 9A0032

■ 9A4E67

■ 9A5E71

■ 9A6D7C

■ 9A7C86

■ 9A8C90

■ 9A9B9B

■ 9AABA5

Harmonies

Analogous

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



8B2A71



9A2048



933020

Triad

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



9A2048



2B5D01



005E9F

Complementary

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



9A2048



209A72

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.



006384



9A2048



006231

Square

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



9A2048



595400



00645D



0053A5

Rectangle

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



9A2048



853E03



00645D



006198

Sweetspot

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



9A2048



C999A9



71209A



664852



E6E6E6



666666

Same Dimension

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



9A2048



C90A49



9A3420



4D4547



8C002E



0D0004

Inverse Universe

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



9A2048



C90A49



20869A



4D4547



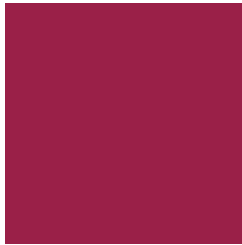
8C002E



0D0004

Previews

White Background



This preview shows how the Hex color 9A2048 looks on a white background.

Color Contrast Check

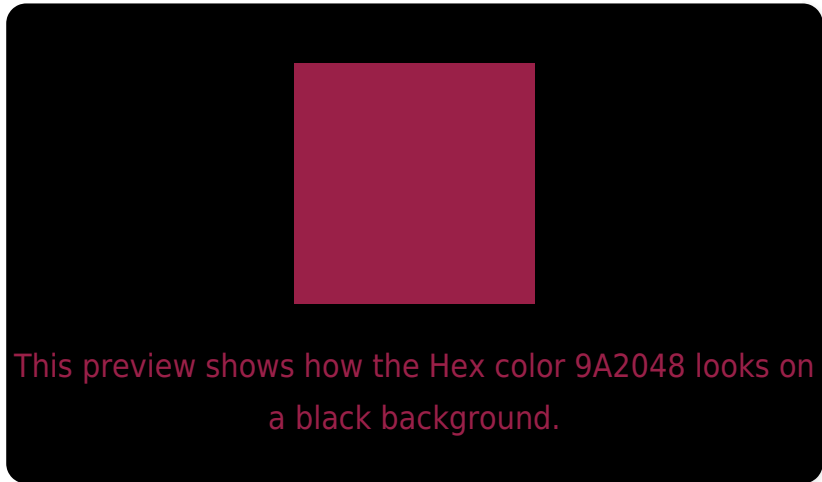
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A2048 Background



This preview shows how black text looks on a background with the Hex color 9A2048.

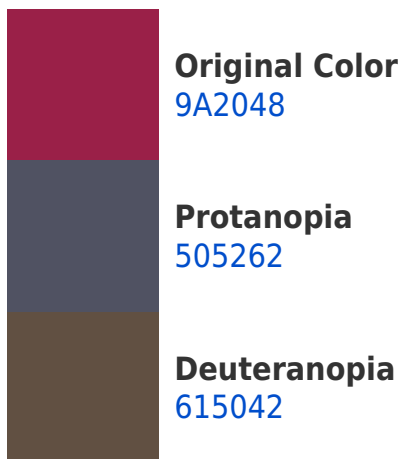


This preview shows how white text looks on a background with the Hex color 9A2048.

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



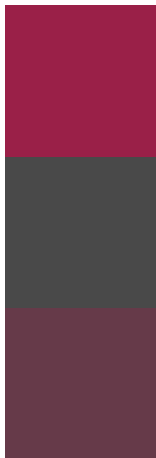
Original Color
9A2048

Protanomaly
6B4059

Deuteranomaly
763F44

Tritanomaly
992534

Monochromacy



Original Color
9A2048

Achromatopsia
494949

Achromatomaly
663A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A2048 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 #9A2048 looks like.

```
.text, #text, p{  
    color:#9A2048  
}
```

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 #9A2048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A2048
}
```

Border

The CSS property to change the border of an element to Hex 9A2048 is called "border". The border property can be set on classes, ids or directly on the HTML element.

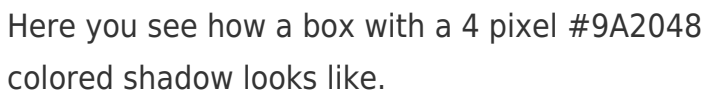
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A2048 }
```

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

```
.border{ border-color:#9A2048 }
```

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



Here you see how a box with a 4 pixel #9A2048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A2048; -webkit-box-shadow:4px 4px  
4px 4px #9A2048; box-shadow:4px 4px 4px  
4px #9A2048 }
```

Background

The CSS property to change the background color of an element to Hex 9A2048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A2048 }
```

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

```
.background{ background-color:#9A2048 }
```

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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