

Converting Colors

Hex(9C3047)

Have a look what the booklet for
Hex(9C3047) contains.

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Color

Hex(9C3047)

Conversions

Conversions Part 1

Format	Color
Hex	9C3047
RGB	156, 48, 71
RGB Percent	61%, 19%, 28%
CMY	0.3882, 0.8118, 0.7216
CMYK	0.00, 0.69, 0.54, 0.39
HSL	347°, 53%, 40%
HSV	347°, 69%, 61%
XYZ	15.9046, 9.6368, 6.9831
YIQ	82.9140, 56.9850, 30.0490

Conversions

Conversions Part 2

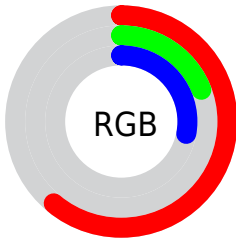
Format	Color
R_{YB}	156, 48, 71
Decimal	10235975
CIE _{Lab}	37.18, 46.29, 11.64
CIE _{LCh}	37, 47.733, 14.112
Yxy	9.6368, 0.4890, 0.2963
Android (android.graphics.Color)	4288426055 (0xFF9C3047)
YUV	82.9140, -5.8736, 64.0964
Hunter-Lab	31.0431, 37.1269, 8.3931

Details

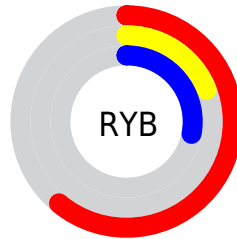
The Hex color **9C3047** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **309C85**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **D76577**, and **63001C** is the 20% darker color. If you saturate the color by 10%, you get **9C203B**, and if you desaturate by 10%, it is **9C4053**.

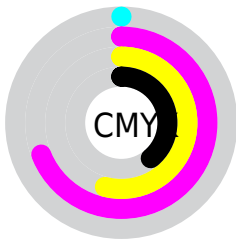
Distribution



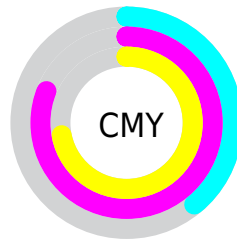
- Red (61%)
- Green (19%)
- Blue (28%)



- Red (61%)
- Yellow (19%)
- Blue (28%)



- Cyan (0%)
- Magenta (69%)
- Yellow (54%)
- Black (39%)



- Cyan (39%)
- Magenta (81%)
- Yellow (72%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C3047 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 9C3047 by changing the saturation by 10% instead.

 9C3047

 9C3047

FFFFFF

 7F1131

 D76577

 63001C

 F58091

 480001

 FF9BAB

 2E0002

 FFB7C6

 000000

 FFD3E2

 FFF0FF

 9C3047

 9C3047

 9C203B

 9C4053

 9C112E

 9C4F60

 9C0122

 9C5F6C

 9C0021

 9C6E78

 9C7E84

 9C8E91

 9C9D9D

 9CADA9

 9CBCB6

Harmonies

Analogous

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



92346E



9C3047



923D23

Triad

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



9C3047



2B641B



0062A2

Complementary

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



9C3047



309C85

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.



00688C



9C3047



006841

Square

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



9C3047



595B00



006969



2456A3

Rectangle

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



9C3047



84490C



006969



00649D

Sweetspot

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



9C3047



CCA1AA



85309C



664D52



E6E6E6



666666

Same Dimension

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



9C3047



CC2347



9C4F30



4F4749



8F001E



0F0003

Inverse Universe

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



9C3047



CC2347



307D9C



4F4749



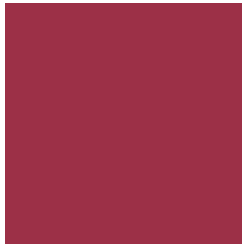
8F001E



0F0003

Previews

White Background



This preview shows how the Hex color 9C3047 looks on a white background.

Color Contrast Check

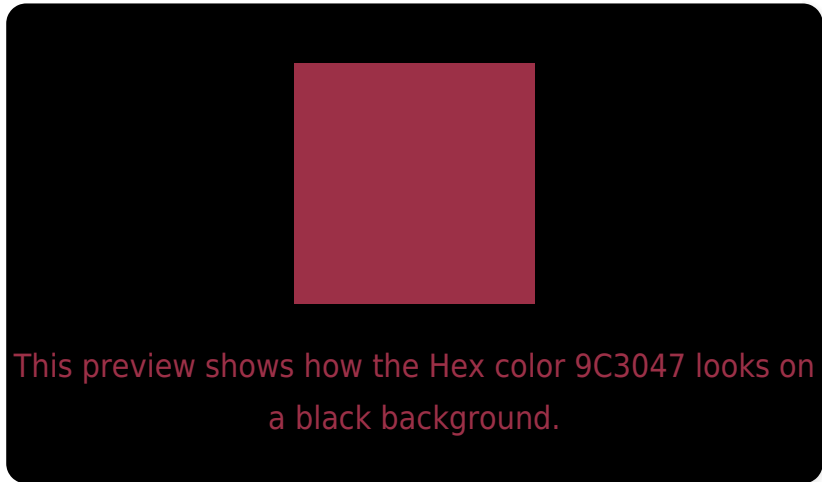
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C3047 Background



This preview shows how black text looks on a background with the Hex color 9C3047.

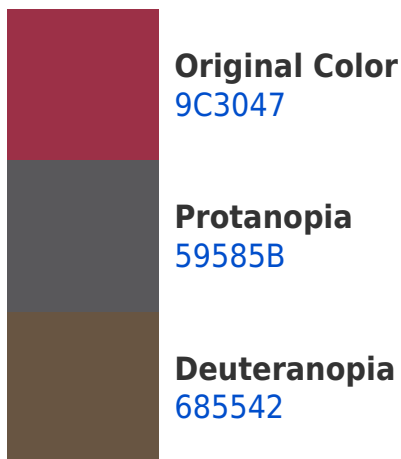



This preview shows how white text looks on a background with the Hex color 9C3047.

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
9B3336

Trichromacy



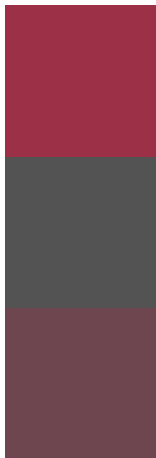
Original Color
9C3047

Protanomaly
714954

Deuteranomaly
7B4844

Tritanomaly
9B323C

Monochromacy



Original Color
9C3047

Achromatopsia
535353

Achromatomaly
6E464F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C3047 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 #9C3047 looks like.

```
.text, #text, p{  
    color:#9C3047  
}
```

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 #9C3047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C3047
}
```

Border

The CSS property to change the border of an element to Hex 9C3047 is called "border". The border property can be set on classes, ids or directly on the HTML element.

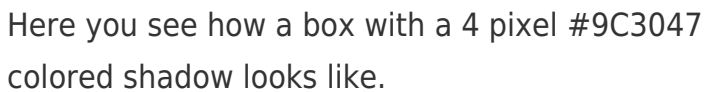
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C3047 }
```

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

```
.border{ border-color:#9C3047 }
```

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



Here you see how a box with a 4 pixel #9C3047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C3047; -webkit-box-shadow:4px 4px  
4px 4px #9C3047; box-shadow:4px 4px 4px  
4px #9C3047 }
```

Background

The CSS property to change the background color of an element to Hex 9C3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C3047 }
```

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

```
.background{ background-color:#9C3047 }
```

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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