

Converting Colors

Hex(9B0442)

Have a look what the booklet for
Hex(9B0442) contains.

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Color

Hex(9B0442)

Conversions

Conversions Part 1

Format	Color
Hex	9B0442
RGB	155, 4, 66
RGB Percent	61%, 2%, 26%
CMY	0.3922, 0.9843, 0.7412
CMYK	0.00, 0.97, 0.57, 0.39
HSL	335°, 95%, 31%
HSV	335°, 97%, 61%
XYZ	14.5444, 7.4487, 5.8254
YIQ	56.2170, 70.0940, 51.2940

Conversions

Conversions Part 2

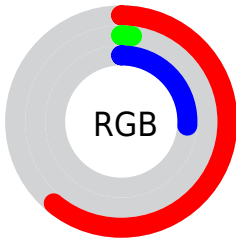
Format	Color
R_YB	155, 4, 66
Decimal	10159170
CIE Lab	32.81, 57.06, 8.79
CIE LCh	33, 57.733, 8.756
Yxy	7.4487, 0.5228, 0.2678
Android (android.graphics.Color)	4288349250 (0xFF9B0442)
YUV	56.2170, 4.8230, 86.6327
Hunter-Lab	27.2924, 47.3626, 6.4495

Details

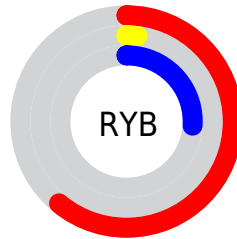
The Hex color **9B0442** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **049B5D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **D74C72**, and **610018** is the 20% darker color. If you saturate the color by 10%, you get **9B0040**, and if you desaturate by 10%, it is **9B144B**.

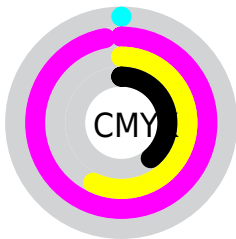
Distribution



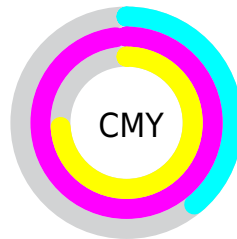
- Red (61%)
- Green (2%)
- Blue (26%)



- Red (61%)
- Yellow (2%)
- Blue (26%)



- Cyan (0%)
- Magenta (97%)
- Yellow (57%)
- Black (39%)



- Cyan (39%)
- Magenta (98%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B0442 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 9B0442 by changing the saturation by 10% instead.

 9B0442

 9B0442

FFFFFF

 7E002C

 D74C72

 610018

 F6688B

 450002

 FF84A5

 270001

 FFA0C0

 000000

 FFBDDC

 FFDAF8

 FFF7FF

 9B0442

 9B0442

■ 9B0040

■ 9B144B

■ 9B2354

■ 9B335D

■ 9B4267

■ 9B5270

■ 9B6179

■ 9B7182

■ 9B808B

■ 9B9094

Harmonies

Analogous

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



8C1A6F



9B0442



922416

Triad

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



9B0442



1C5A00



005BA3

Complementary

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



9B0442



049B5D

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.



006086



9B0442



005E2A

Square

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



9B0442



535000



00605A



004FA9

Rectangle

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



9B0442



823700



00605A



005D9B

Sweetspot

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



9B0442



C98FA7



5C049B



664251



E6E6E6



666666

Same Dimension

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



9B0442



C90053



9B1104



4D4548



8C003A



0D0005

Inverse Universe

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



9B0442



C90053



048E9B



4D4548



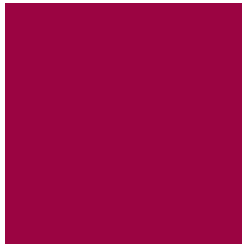
8C003A



0D0005

Previews

White Background



This preview shows how the Hex color 9B0442 looks on a white background.

Color Contrast Check

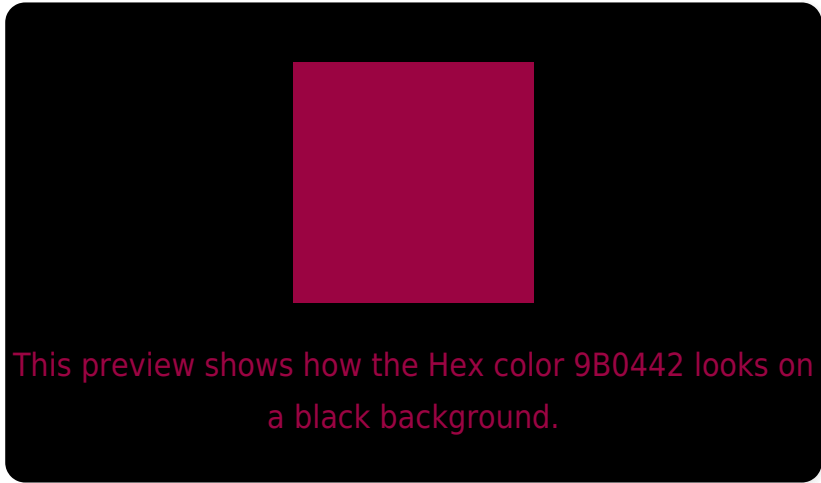
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B0442 Background



This preview shows how black text looks on a background with the Hex color 9B0442.

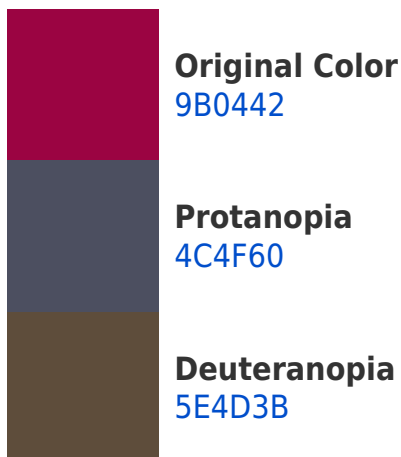


This preview shows how white text looks on a background with the Hex color 9B0442.

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
991B1A

Trichromacy



Original Color
9B0442

Protanomaly
693455

Deuteranomaly
74323E

Tritanomaly
9A1329

Monochromacy



Original Color
9B0442

Achromatopsia
383838

Achromatomaly
5C253C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B0442 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 #9B0442 looks like.

```
.text, #text, p{  
    color:#9B0442  
}
```

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 #9B0442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B0442
}
```

Border

The CSS property to change the border of an element to Hex 9B0442 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
#9B0442 }
```

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

```
.border{ border-color:#9B0442 }
```

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

Here you see how a box with a 4 pixel #9B0442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B0442; -webkit-box-shadow:4px 4px  
4px 4px #9B0442; box-shadow:4px 4px 4px  
4px #9B0442 }
```

Background

The CSS property to change the background color of an element to Hex 9B0442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B0442 }
```

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

```
.background{ background-color:#9B0442 }
```

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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