

Converting Colors

Hex(9B2A70)

Have a look what the booklet for
Hex(9B2A70) contains.

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Color

Hex(9B2A70)

Conversions

Conversions Part 1

Format	Color
Hex	9B2A70
RGB	155, 42, 112
RGB Percent	61%, 16%, 44%
CMY	0.3922, 0.8353, 0.5608
CMYK	0.00, 0.73, 0.28, 0.39
HSL	323°, 57%, 39%
HSV	323°, 73%, 61%
XYZ	17.2702, 9.7943, 16.3095
YIQ	83.7670, 44.8780, 45.7260

Conversions

Conversions Part 2

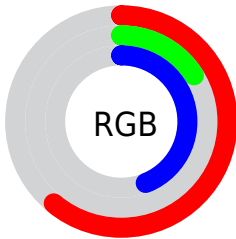
Format	Color
R_{YB}	155, 42, 112
Decimal	10168944
CIE _{Lab}	37.47, 52.72, -14.03
CIE _{LCh}	37, 54.554, 345.103
Yxy	9.7943, 0.3982, 0.2258
Android (android.graphics.Color)	4288359024 (0xFF9B2A70)
YUV	83.7670, 13.9189, 62.4713
Hunter-Lab	31.2959, 43.7346, -8.9911

Details

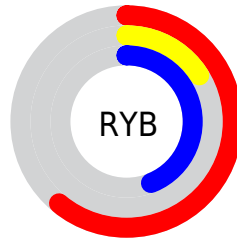
The Hex color **9B2A70** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **2A9B55**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **D562A4**, and **640040** is the 20% darker color. If you saturate the color by 10%, you get **9B1A6A**, and if you desaturate by 10%, it is **9B3976**.

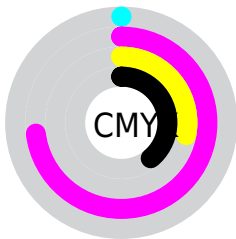
Distribution



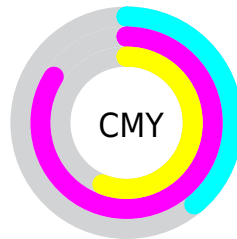
- Red (61%)
- Green (16%)
- Blue (44%)



- Red (61%)
- Yellow (16%)
- Blue (44%)



- Cyan (0%)
- Magenta (73%)
- Yellow (28%)
- Black (39%)



- Cyan (39%)
- Magenta (84%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B2A70 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 9B2A70 by changing the saturation by 10% instead.

 9B2A70

 9B2A70

FFFFFF

 7F0258

 D562A4

 640040

 F27DBF

 49002A

 FF98DB

 310015

 FFB4F7

 000000

 FFD1FF

 FFEEFF

 9B2A70

 9B2A70

 9B1A6A

 9B3976

 9B0B64

 9B497C

 9B0060

 9B5882

 9B6888

 9B788D

 9B8793

 9B9699

 9BA69F

 9BB5A5

Harmonies

Analogous

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



754197



9B2A70



A52644

Triad

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



9B2A70



575D00



006A96

Complementary

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



9B2A70



2A9B55

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.



006C6E



9B2A70



1E6610

Square

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



9B2A70



7D4E00



006A40



0064AE

Rectangle

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



9B2A70



9F3228



006A40



006B8A

Sweetspot

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



9B2A70



C99DB9



532A9B



664B5C



E6E6E6



666666

Same Dimension

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



9B2A70



C91A87



9B2A39



4D454A



8C0057



0D0008

Inverse Universe

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



9B2A70



C91A87



2A9B8C



4D454A



8C0057



0D0008

Previews

White Background



This preview shows how the Hex color 9B2A70 looks on a white background.

Color Contrast Check

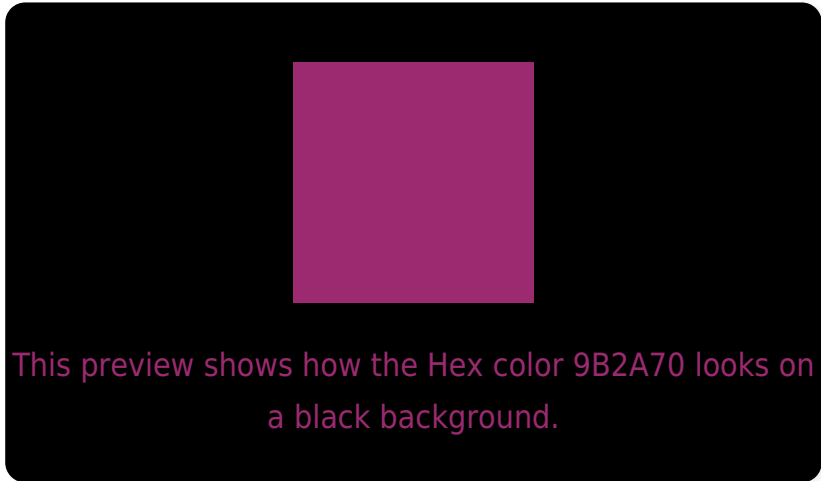
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B2A70 Background



This preview shows how black text looks on a background with the Hex color 9B2A70.

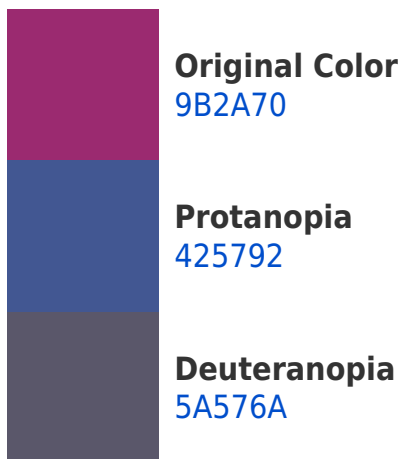



This preview shows how white text looks on a background with the Hex color 9B2A70.

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](#).

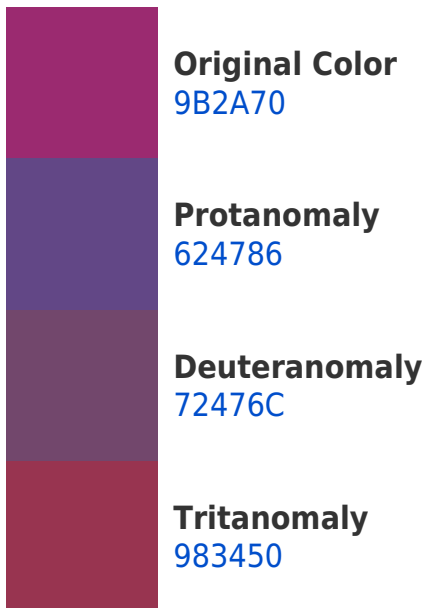
Dichromacy



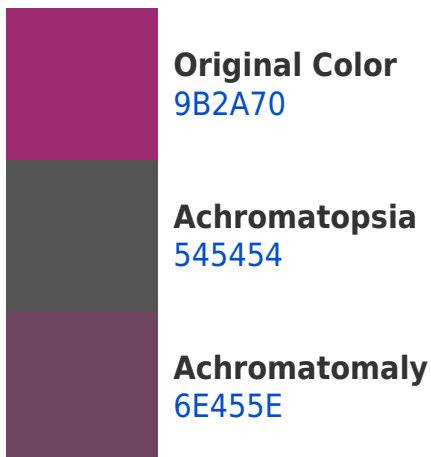


Tritanopia
97393D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B2A70 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 #9B2A70 looks like.

```
.text, #text, p{  
    color:#9B2A70  
}
```

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 #9B2A70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B2A70
}
```

Border

The CSS property to change the border of an element to Hex 9B2A70 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
#9B2A70 }
```

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

```
.border{ border-color:#9B2A70 }
```

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

Here you see how a box with a 4 pixel #9B2A70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B2A70; -webkit-box-shadow:4px 4px  
4px 4px #9B2A70; box-shadow:4px 4px 4px  
4px #9B2A70 }
```

Background

The CSS property to change the background color of an element to Hex 9B2A70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B2A70 }
```

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

```
.background{ background-color:#9B2A70 }
```

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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