

Converting Colors

Hex(9B116A)

Have a look what the booklet for
Hex(9B116A) contains.

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Color

Hex(9B116A)

Conversions

Conversions Part 1

Format	Color
Hex	9B116A
RGB	155, 17, 106
RGB Percent	61%, 7%, 42%
CMY	0.3922, 0.9333, 0.5843
CMYK	0.00, 0.89, 0.32, 0.39
HSL	321°, 80%, 34%
HSV	321°, 89%, 61%
XYZ	16.3195, 8.4101, 14.3988
YIQ	68.4080, 53.6790, 56.9350

Conversions

Conversions Part 2

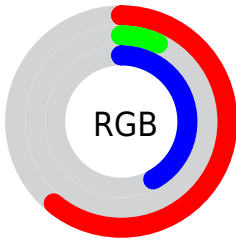
Format	Color
R_{YB}	155, 17, 106
Decimal	10162538
CIE _{Lab}	34.82, 58.84, -14.27
CIE _{LCh}	35, 60.545, 346.368
Yxy	8.4101, 0.4171, 0.2149
Android (android.graphics.Color)	4288352618 (0xFF9B116A)
YUV	68.4080, 18.5329, 75.9412
Hunter-Lab	29.0001, 49.6990, -9.1380

Details

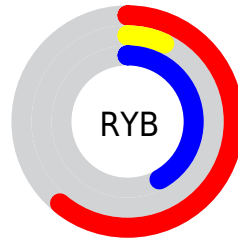
The Hex color **9B116A** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **119B42**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **D5539D**, and **63003B** is the 20% darker color. If you saturate the color by 10%, you get **9B0164**, and if you desaturate by 10%, it is **9B2170**.

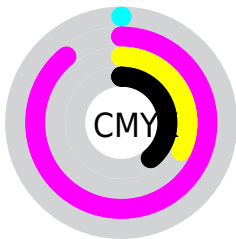
Distribution



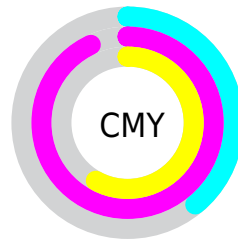
- Red (61%)
- Green (7%)
- Blue (42%)



- Red (61%)
- Yellow (7%)
- Blue (42%)



- Cyan (0%)
- Magenta (89%)
- Yellow (32%)
- Black (39%)



- Cyan (39%)
- Magenta (93%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B116A 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 9B116A by changing the saturation by 10% instead.

 9B116A

 9B116A

FFFFFF

 7F0052

 D5539D

 63003B

 F36FB8

 480025

 FF8AD4

 2E000E

 FFA7F0

 000000

 FFC3FF

 FFE0FF

 FFFEFF

 9B116A

 9B116A

■ 9B0164

■ 9B2170

■ 9B0064

■ 9B3075

■ 9B3F7B

■ 9B4F80

■ 9B5E86

■ 9B6E8B

■ 9B7E91

■ 9B8D96

■ 9B9D9C

Harmonies

Analogous

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



733595



9B116A



A40A3A

Triad

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



9B116A



4C5800



006598

Complementary

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



9B116A



119B42

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.



00666C



9B116A



006100

Square

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



9B116A



774800



006539



005EB1

Rectangle

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



9B116A



9C231B



006539



00668A

Sweetspot

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



9B116A



C993B6



41119B



66455A



E6E6E6



666666

Same Dimension

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



9B116A



C90082



9B1126



4D454A



8C005A



0D0008

Inverse Universe

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



9B116A



C90082



119B86



4D454A



8C005A



0D0008

Previews

White Background



This preview shows how the Hex color 9B116A looks on a white background.

Color Contrast Check

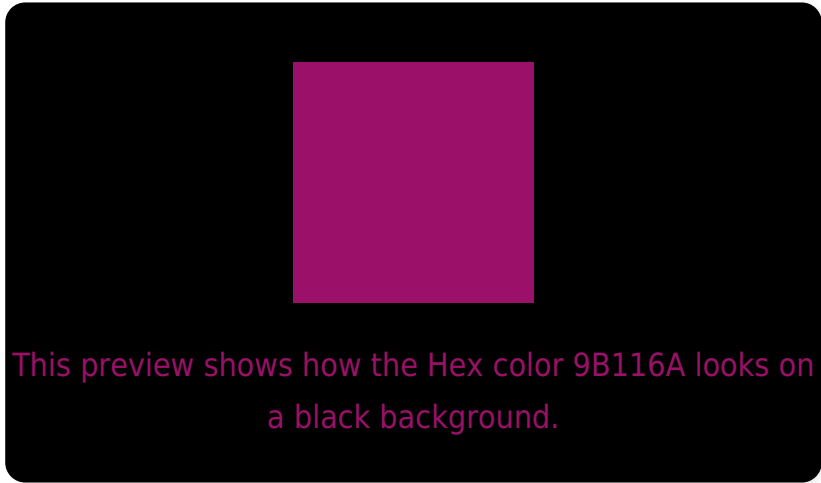
Large Text (above 18pt) WCAG AA ✓ Pass

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

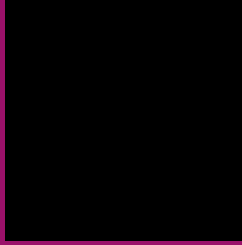
Any Text WCAG AA × Fail

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 9B116A Background



This preview shows how black text looks on a background with the Hex color 9B116A.

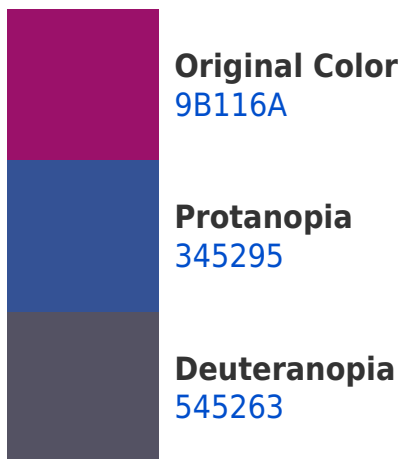


This preview shows how white text looks on a background with the Hex color 9B116A.

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
972C2E

Trichromacy



Original Color
9B116A



Protanomaly
593A85



Deuteranomaly
6E3A66



Tritanomaly
982244

Monochromacy



Original Color
9B116A



Achromatopsia
444444



Achromatomaly
643152

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B116A 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 #9B116A looks like.

```
.text, #text, p{  
    color:#9B116A  
}
```

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 #9B116A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B116A
}
```

Border

The CSS property to change the border of an element to Hex 9B116A 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
#9B116A }
```

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

```
.border{ border-color:#9B116A }
```

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

Here you see how a box with a 4 pixel #9B116A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B116A; -webkit-box-shadow:4px 4px  
4px 4px #9B116A; box-shadow:4px 4px 4px  
4px #9B116A }
```

Background

The CSS property to change the background color of an element to Hex 9B116A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B116A }
```

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

```
.background{ background-color:#9B116A }
```

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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