

# Converting Colors

Hex(9B267A)

Have a look what the booklet for  
Hex(9B267A) contains.

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# Color

**Hex(9B267A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B267A
RGB	155, 38, 122
RGB Percent	61%, 15%, 48%
CMY	0.3922, 0.8510, 0.5216
CMYK	0.00, 0.75, 0.21, 0.39
HSL	317°, 61%, 38%
HSV	317°, 75%, 61%
XYZ	17.7235, 9.7599, 19.3621
YIQ	82.5590, 42.7680, 50.9280

# Conversions

## Conversions Part 2

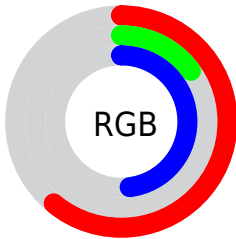
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 38, 122
Decimal	10167930
CIELab	37.41, 55.45, -20.38
CIELCh	37, 59.075, 339.814
Yxy	9.7599, 0.3783, 0.2083
Android (android.graphics.Color)	4288358010 (0xFF9B267A)
YUV	82.5590, 19.4444, 63.5308
Hunter-Lab	31.2409, 46.5948, -14.8774

# Details

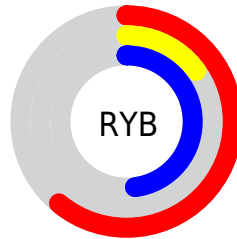
The Hex color **9B267A** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **269B47**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **D55FAF**, and **640049** is the 20% darker color. If you saturate the color by 10%, you get **9B1776**, and if you desaturate by 10%, it is **9B367E**.

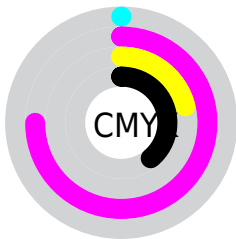
# Distribution



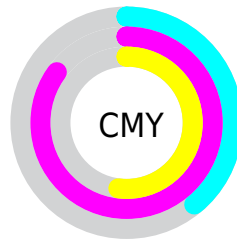
- Red (61%)
- Green (15%)
- Blue (48%)



- Red (61%)
- Yellow (15%)
- Blue (48%)



- Cyan (0%)
- Magenta (75%)
- Yellow (21%)
- Black (39%)



- Cyan (39%)
- Magenta (85%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B267A 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 9B267A by changing the saturation by 10% instead.



 9B267A

 9B267A

FFFFFF

 7F0061

 D55FAF

 640049

 F27ACA

 490032

 FF96E6

 31001D

 FFB2FF

 030000

 FFCFFF

 000000

 FFECFF

 9B267A

 9B267A

 9B1776

 9B367E

■ 9B0771

■ 9B4583

■ 9B006F

■ 9B5587

■ 9B648B

■ 9B7490

■ 9B8394

■ 9B9399

■ 9BA29D

■ 9BB2A1

# Harmonies

## Analogous

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



6B43A2



9B267A



AA194B

# Triad

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



9B267A



5D5B00



006C94

# Complementary

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



9B267A



269B47

# 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.



006D67



9B267A



256500

# Square

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



9B267A



854900



006B35



0066B2

# Rectangle

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



9B267A



A6272C



006B35



006C86



# Sweetspot

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



9B267A



C99BBC



45269B



66495E



E6E6E6



666666



# Same Dimension

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



9B267A



C91296



9B2641



4D454A



8C0065



0D0009



# Inverse Universe

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



9B267A



C91296



269B80



4D454A



8C0065



0D0009



# Previews

## White Background



This preview shows how the Hex color 9B267A looks on a white background.

## Color Contrast Check

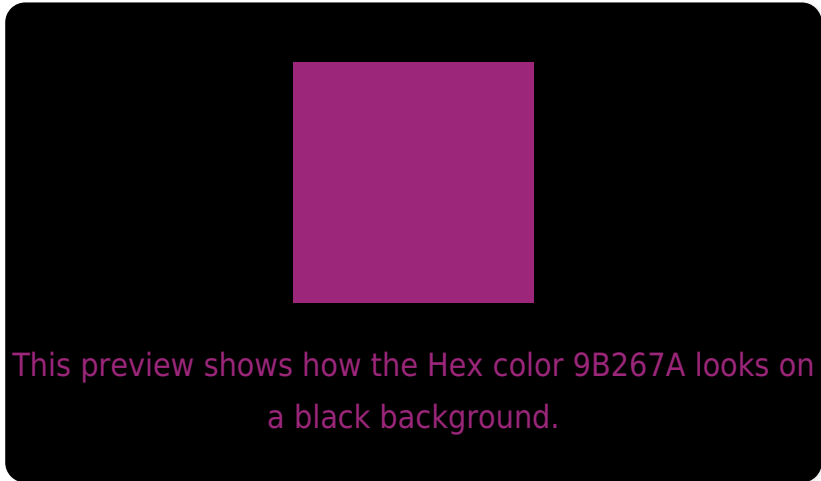
Large Text (above 18pt) WCAG AA ✓ Pass

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

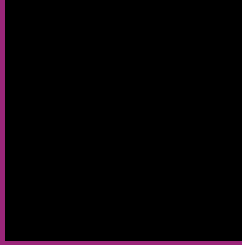
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9B267A Background



This preview shows how black text looks on a background with the Hex color 9B267A.

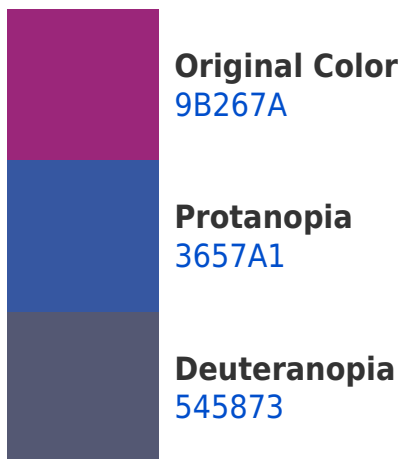


This preview shows how white text looks on a background with the Hex color 9B267A.

# 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**  
963A3D

# Trichromacy



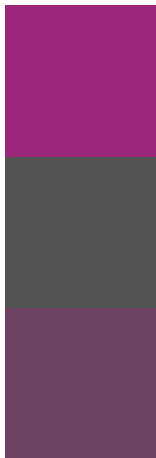
**Original Color**  
9B267A

**Protanomaly**  
5B4593

**Deuteranomaly**  
6E4676

**Tritanomaly**  
983353

# Monochromacy



**Original Color**  
9B267A

**Achromatopsia**  
535353

**Achromatomaly**  
6D4361

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B267A 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 #9B267A looks like.

```
.text, #text, p{  
  color:#9B267A  
}
```

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 #9B267A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B267A
}
```

## Border

The CSS property to change the border of an element to Hex 9B267A is called "border". The border property can be set on classes, ids or directly on the HTML element.

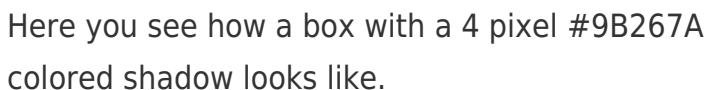
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B267A }
```

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

```
.border{ border-color:#9B267A }
```

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



Here you see how a box with a 4 pixel #9B267A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B267A; -webkit-box-shadow:4px 4px  
4px 4px #9B267A; box-shadow:4px 4px 4px  
4px #9B267A }
```

# Background

The CSS property to change the background color of an element to Hex 9B267A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B267A }
```

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

```
.background{ background-color:#9B267A }
```

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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