

Converting Colors

Hex(9B007F)

Have a look what the booklet for
Hex(9B007F) contains.

Hex(9B007F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9B007F)

Conversions

Conversions Part 1

Format	Color
Hex	9B007F
RGB	155, 0, 127
RGB Percent	61%, 0%, 50%
CMY	0.3922, 1.0000, 0.5020
CMYK	0.00, 1.00, 0.18, 0.39
HSL	311°, 100%, 30%
HSV	311°, 100%, 61%
XYZ	17.3483, 8.5009, 20.8051
YIQ	60.8230, 51.6130, 72.3570

Conversions

Conversions Part 2

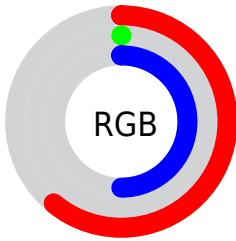
Format	Color
R_{YB}	155, 0, 127
Decimal	10158207
CIE _{Lab}	35.00, 63.78, -27.26
CIE _{LCh}	35, 69.355, 336.860
Yxy	8.5009, 0.3718, 0.1822
Android (android.graphics.Color)	4288348287 (0xFF9B007F)
YUV	60.8230, 32.6253, 82.5932
Hunter-Lab	29.1562, 55.1863, -21.8984

Details

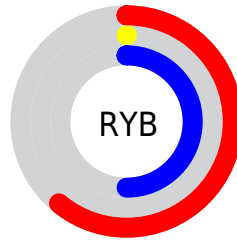
The Hex color **9B007F** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **009B1C**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **D54EB4**, and **63004D** is the 20% darker color. If you saturate the color by 10%, you get **9B007F**, and if you desaturate by 10%, it is **9B0F82**.

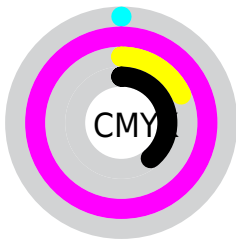
Distribution



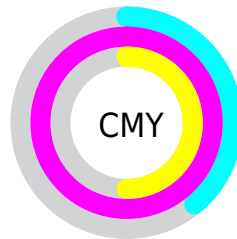
- Red (61%)
- Green (0%)
- Blue (50%)



- Red (61%)
- Yellow (0%)
- Blue (50%)



- Cyan (0%)
- Magenta (100%)
- Yellow (18%)
- Black (39%)



- Cyan (39%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B007F 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 9B007F by changing the saturation by 10% instead.

 9B007F

 9B007F

FFFFFF

 7F0066

 D54EB4

 63004D

 F36BD0

 480036

 FF87EC

 2E0020

 FFA3FF

 000003

 FFC0FF

 000000

 FFD0FF

 FFFBFF

 9B007F

 9B0F82

 9B1F85

 9B2F87

 9B3E8A

 9B4E8D

 9B5D90

 9B6C93

 9B7C95

 9B8B98

Harmonies

Analogous

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



5D3BAC



9B007F



AF0048

Triad

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



9B007F



5A5400



006894

Complementary

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



9B007F



009B1C

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.



00685E



9B007F



146000

Square

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



9B007F



873E00



006623



0064B9

Rectangle

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



9B007F



AB0025



006623



006983

Sweetspot

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



9B007F



C98DBF



1A009B



66415F



E6E6E6



666666

Same Dimension

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



9B007F



C900A5



9B0034



4D454B



8C0073



0D000A

Inverse Universe

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



9B007F



C900A5



009B67



4D454B



8C0073



0D000A

Previews

White Background



This preview shows how the Hex color 9B007F looks on a white background.

Color Contrast Check

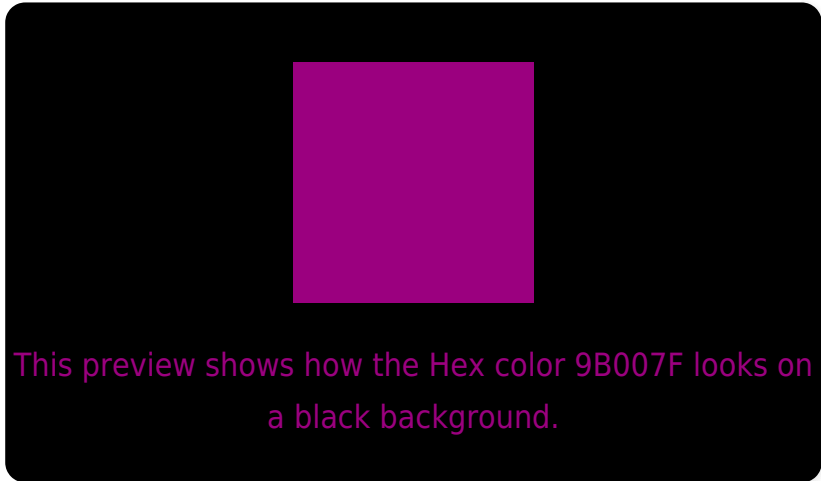
Large Text (above 18pt) WCAG AA ✓ Pass

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

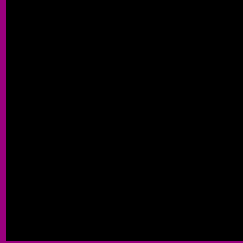
Any Text WCAG AA × Fail

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 9B007F Background



This preview shows how black text looks on a background with the Hex color 9B007F.

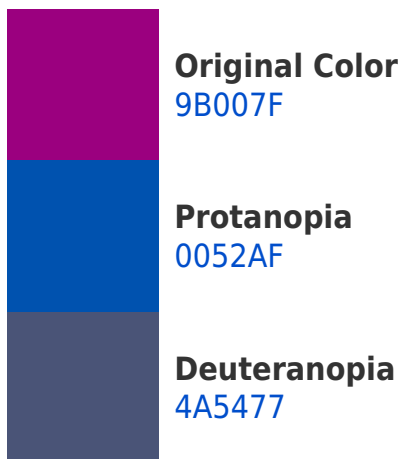


This preview shows how white text looks on a background with the Hex color 9B007F.

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



Trichromacy



Original Color
9B007F



Protanomaly
38349E



Deuteranomaly
67357A



Tritanomaly
972050

Monochromacy



Original Color
9B007F



Achromatopsia
3D3D3D



Achromatomaly
5F2755

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B007F 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 #9B007F looks like.

```
.text, #text, p{  
  color:#9B007F  
}
```

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 #9B007F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B007F
}
```

Border

The CSS property to change the border of an element to Hex 9B007F is called "border". The border property can be set on classes, ids or directly on the HTML element.

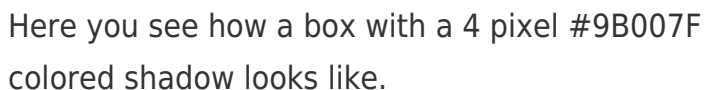
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B007F }
```

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

```
.border{ border-color:#9B007F }
```

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



Here you see how a box with a 4 pixel #9B007F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B007F; -webkit-box-shadow:4px 4px  
4px 4px #9B007F; box-shadow:4px 4px 4px  
4px #9B007F }
```

Background

The CSS property to change the background color of an element to Hex 9B007F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B007F }
```

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

```
.background{ background-color:#9B007F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor