

Converting Colors

Hex(9D007B)

Have a look what the booklet for
Hex(9D007B) contains.

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Color

Hex(9D007B)

Conversions

Conversions Part 1

Format	Color
Hex	9D007B
RGB	157, 0, 123
RGB Percent	62%, 0%, 48%
CMY	0.3843, 1.0000, 0.5176
CMYK	0.00, 1.00, 0.22, 0.38
HSL	313°, 100%, 31%
HSV	313°, 100%, 62%
XYZ	17.4798, 8.5982, 19.4772
YIQ	60.9650, 54.0890, 71.5370

Conversions

Conversions Part 2

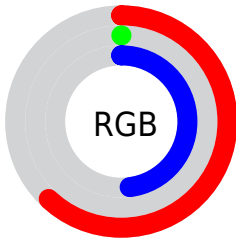
Format	Color
RYB	157, 0, 123
Decimal	10289275
CIELab	35.20, 63.65, -24.42
CIElCh	35, 68.176, 339.014
Yxy	8.5982, 0.3837, 0.1887
Android (android.graphics.Color)	4288479355 (0xFF9D007B)
YUV	60.9650, 30.5833, 84.2227
Hunter-Lab	29.3226, 55.0927, -18.8569

Details

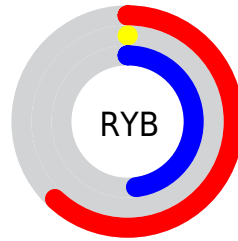
The Hex color **9D007B** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **009D22**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **D74EB0**, and **65004A** is the 20% darker color. If you saturate the color by 10%, you get **9D007B**, and if you desaturate by 10%, it is **9D107E**.

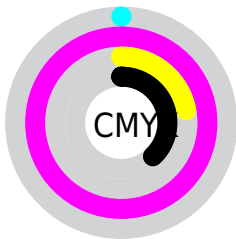
Distribution



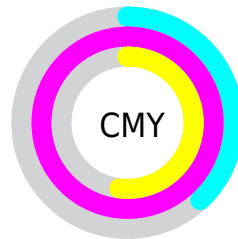
- Red (62%)
- Green (0%)
- Blue (48%)



- Red (62%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (100%)
- Yellow (22%)
- Black (38%)



- Cyan (38%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D007B 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 9D007B by changing the saturation by 10% instead.

 9D007B

 9D007B

FFFFFF

 810062

 D74EB0

 65004A

 F56BCB

 4A0033

 FF87E8

 2F001D

 FFA4FF

 000000

 FFC0FF

 FFDEFF

 FFFBFF

 9D007B

 9D107E

 9D1F82

 9D2F85

 9D3F89

 9D4F8C

 9D5E8F

 9D6E93

 9D7E96

 9D8D9A

Harmonies

Analogous

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



643AA9



9D007B



AE0045

Triad

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



9D007B



575600



006897

Complementary

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



9D007B



009D22

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.



006962



9D007B



0C6100

Square

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



9D007B



844100



006628



0063BA

Rectangle

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



9D007B



A90022



006628



006987

Sweetspot

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



9D007B



CC8FBF



1F009D



66415E



E6E6E6



666666

Same Dimension

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



9D007B



CC00A0



9D002F



4F474D



8F0070



0F000C

Inverse Universe

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



9D007B



CC00A0



009D6E



4F474D



8F0070



0F000C

Previews

White Background



This preview shows how the Hex color 9D007B looks on a white background.

Color Contrast Check

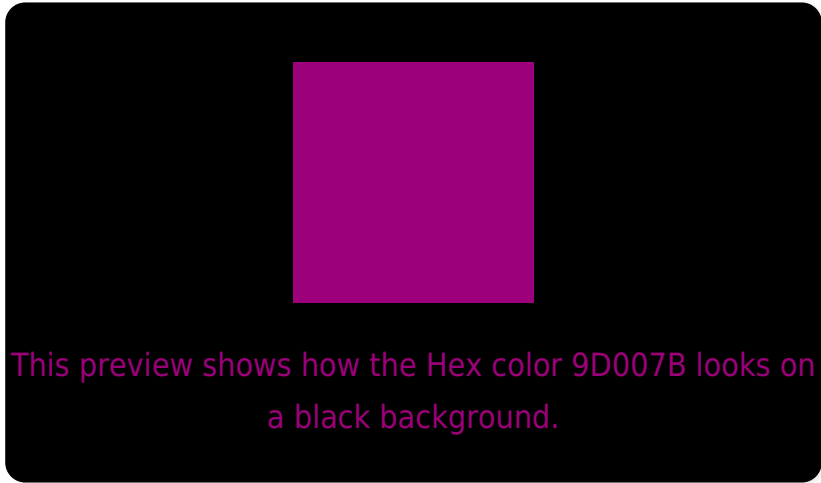
Large Text (above 18pt) WCAG AA ✓ Pass

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

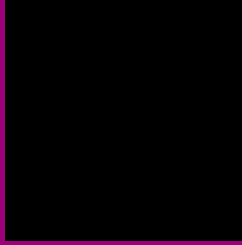
Any Text WCAG AA × Fail

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 9D007B Background



This preview shows how black text looks on a background with the Hex color 9D007B.

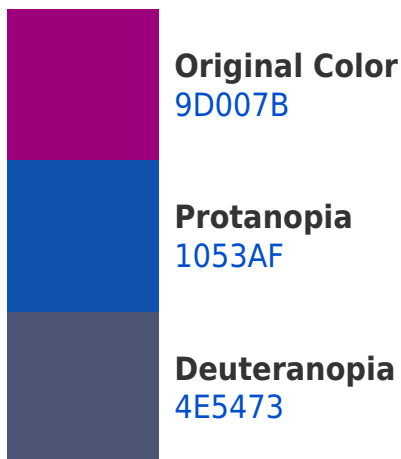



This preview shows how white text looks on a background with the Hex color 9D007B.

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
973033

Trichromacy



Original Color
9D007B



Protanomaly
43359C



Deuteranomaly
6B3576



Tritanomaly
991F4D

Monochromacy



Original Color
9D007B



Achromatopsia
3D3D3D



Achromatomaly
602754

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D007B 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 #9D007B looks like.

```
.text, #text, p{  
    color:#9D007B  
}
```

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 #9D007B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D007B
}
```

Border

The CSS property to change the border of an element to Hex 9D007B 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
#9D007B }
```

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

```
.border{ border-color:#9D007B }
```

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

Here you see how a box with a 4 pixel #9D007B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D007B; -webkit-box-shadow:4px 4px  
4px 4px #9D007B; box-shadow:4px 4px 4px  
4px #9D007B }
```

Background

The CSS property to change the background color of an element to Hex 9D007B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D007B }
```

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

```
.background{ background-color:#9D007B }
```

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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