

Converting Colors

Hex(9E007B)

Have a look what the booklet for
Hex(9E007B) contains.

Hex(9E007B)	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(9E007B)

Conversions

Conversions Part 1

Format	Color
Hex	9E007B
RGB	158, 0, 123
RGB Percent	62%, 0%, 48%
CMY	0.3804, 1.0000, 0.5176
CMYK	0.00, 1.00, 0.22, 0.38
HSL	313°, 100%, 31%
HSV	313°, 100%, 62%
XYZ	17.6757, 8.6992, 19.4864
YIQ	61.2640, 54.6850, 71.7490

Conversions

Conversions Part 2

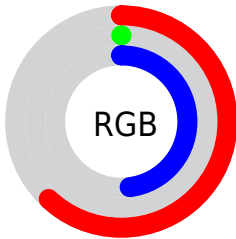
Format	Color
RYB	158, 0, 123
Decimal	10354811
CIELab	35.40, 63.85, -24.09
CIElCh	35, 68.245, 339.330
Yxy	8.6992, 0.3854, 0.1897
Android (android.graphics.Color)	4288544891 (0xFF9E007B)
YUV	61.2640, 30.4358, 84.8375
Hunter-Lab	29.4943, 55.3584, -18.5258

Details

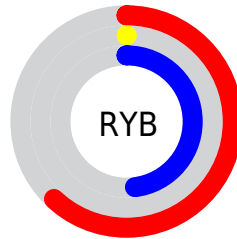
The Hex color **9E007B** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **009E23**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **D84FB0**, and **66004A** is the 20% darker color. If you saturate the color by 10%, you get **9E007B**, and if you desaturate by 10%, it is **9E107E**.

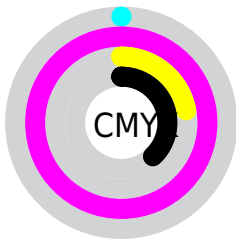
Distribution



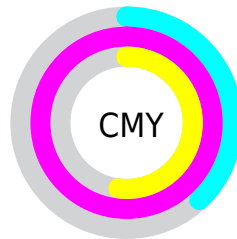
- Red (62%)
- Green (0%)
- Blue (48%)



- 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 9E007B 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 9E007B by changing the saturation by 10% instead.

 9E007B

 9E007B

FFFFFF

 820062

 D84FB0

 66004A

 F66BCB

 4A0033

 FF88E8

 30001E

 FFA4FF

 020000

 FFC1FF

 000000

 FFDEFF

 FFFCFF

 9E007B

 9E107E

 9E2082

 9E2F85

 9E3F89

 9E4F8C

 9E5F90

 9E6F93

 9E7E97

 9E8E9B

Harmonies

Analogous

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



663AA9



9E007B



AF0045

Triad

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



9E007B



575700



006998

Complementary

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



9E007B



009E23

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.



006964



9E007B



0A6200

Square

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



9E007B



844200



006729



0064BB

Rectangle

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



9E007B



AA0222



006729



006988

Sweetspot

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



9E007B



CF91C1



22009E



694360



E8E8E8



696969

Same Dimension

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



9E007B



CF00A1



9E002D



4F474D



8F006F



0F000C

Inverse Universe

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



9E007B



CF00A1



009E71



4F474D



8F006F



0F000C

Previews

White Background



This preview shows how the Hex color 9E007B looks on a white background.

Color Contrast Check

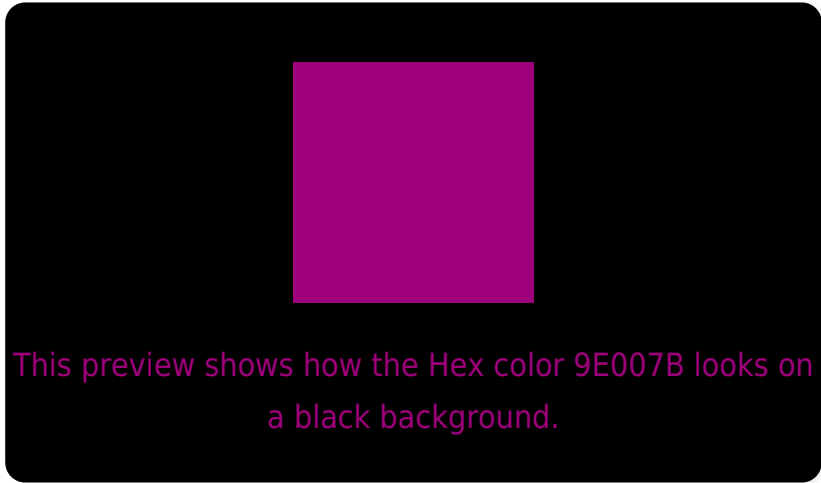
Large Text (above 18pt) WCAG AA ✓ Pass

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

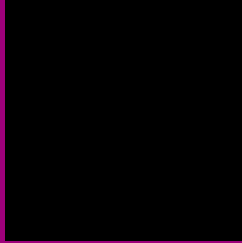
Any Text WCAG AA × Fail

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 9E007B Background



This preview shows how black text looks on a background with the Hex color 9E007B.

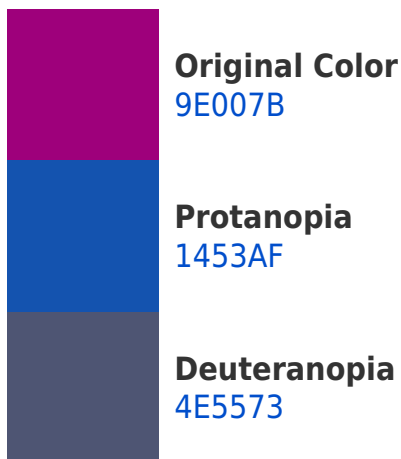


This preview shows how white text looks on a background with the Hex color 9E007B.

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
9E007B



Protanomaly
46359C



Deuteranomaly
6B3676



Tritanomaly
9A1F4D

Monochromacy



Original Color
9E007B



Achromatopsia
3D3D3D



Achromatomaly
602754

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E007B 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 #9E007B looks like.

```
.text, #text, p{  
    color:#9E007B  
}
```

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 #9E007B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E007B
}
```

Border

The CSS property to change the border of an element to Hex 9E007B 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
#9E007B }
```

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

```
.border{ border-color:#9E007B }
```

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

Here you see how a box with a 4 pixel #9E007B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E007B; -webkit-box-shadow:4px 4px  
4px 4px #9E007B; box-shadow:4px 4px 4px  
4px #9E007B }
```

Background

The CSS property to change the background color of an element to Hex 9E007B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E007B }
```

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

```
.background{ background-color:#9E007B }
```

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