

Converting Colors

Hex(9B7DEF)

Have a look what the booklet for
Hex(9B7DEF) contains.

Hex(9B7DEF)	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(9B7DEF)

Conversions

Conversions Part 1

Format	Color
Hex	9B7DEF
RGB	155, 125, 239
RGB Percent	61%, 49%, 94%
CMY	0.3922, 0.5098, 0.0627
CMYK	0.35, 0.48, 0.00, 0.06
HSL	256°, 78%, 71%
HSV	256°, 48%, 94%
XYZ	36.4312, 27.8678, 85.1202
YIQ	146.9660, -18.7140, 41.8140

Conversions

Conversions Part 2

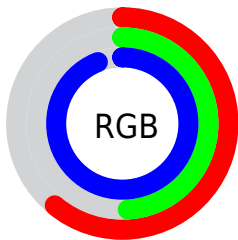
Format	Color
R _{YB}	155, 125, 239
Decimal	10190319
CIE Lab	59.77, 36.61, -53.61
CIE LCh	60, 64.914, 304.332
Yxy	27.8678, 0.2438, 0.1865
Android (android.graphics.Color)	4288380399 (0xFF9B7DEF)
YUV	146.9660, 45.3728, 7.0458
Hunter-Lab	52.7900, 30.8032, -58.6482

Details

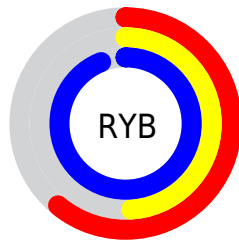
The Hex color **9B7DEF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **D1EF7D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **D4B2FF**, and **634BB6** is the 20% darker color. If you saturate the color by 10%, you get **8965EF**, and if you desaturate by 10%, it is **AD95EF**.

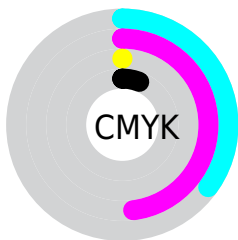
Distribution



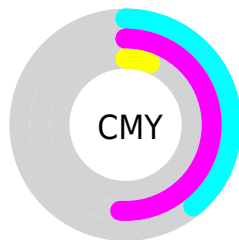
- Red (61%)
- Green (49%)
- Blue (94%)



- Red (61%)
- Yellow (49%)
- Blue (94%)



- Cyan (35%)
- Magenta (48%)
- Yellow (0%)
- Black (6%)



- Cyan (39%)
- Magenta (51%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B7DEF 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 9B7DEF by changing the saturation by 10% instead.

 9B7DEF

 9B7DEF

FFFFFF

 7F64D2

 D4B2FF

 634BB6

 F2CEFF

 47349B

 FFEAFF

 291D80

 000767

 00004E

 000536

 000220

 000004

 9B7DEF

 9B7DEF

 8965EF

 AD95EF

 784DEF

 BEADEF

 6635EF

 D0C5EF

 551DEF

 E1DDEF

 4305EF

 F3F4EF

 3F00EF

 FFFFEF

Harmonies

Analogous

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



0094FF



9B7DEF



DB63C3

Triad

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



9B7DEF



D27A22



00AA97

Complementary

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



9B7DEF



D1EF7D

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.



00A75C



9B7DEF



A49000

Square

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



9B7DEF



F06253



699F26



00A9CF

Rectangle

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



9B7DEF



F0579D



699F26



00AA83

Sweetspot

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



9B7DEF



E5DBFF



7DD2EF



706A80



000000



808080

Same Dimension

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



9B7DEF



946EFF



D27DEF



6F6C78



3000B8



0F0038

Inverse Universe

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



EF7DD1



FF6ED9



9AEF7D



786C75



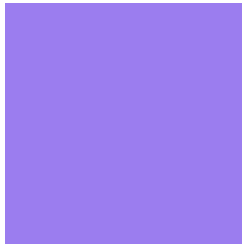
B80087



380029

Previews

White Background



This preview shows how the Hex color 9B7DEF looks on a white background.

Color Contrast Check

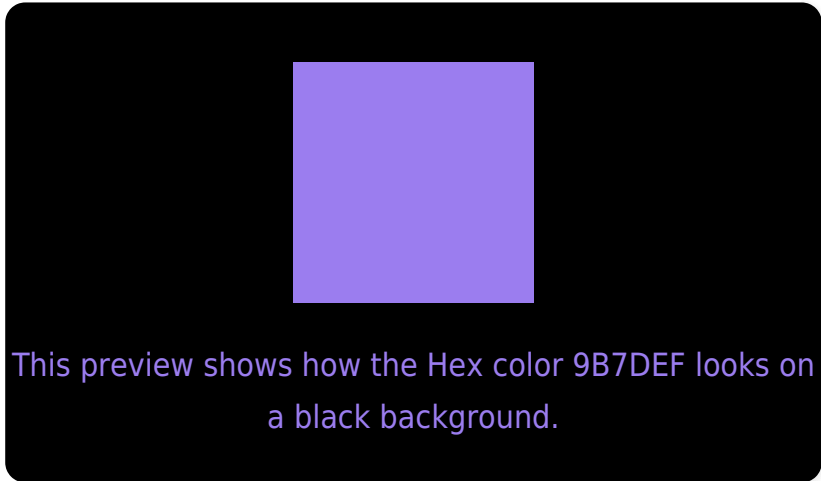
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

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

Hex 9B7DEF Background



This preview shows how black text looks on a background with the Hex color 9B7DEF.



This preview shows how white text looks on a background with the Hex color 9B7DEF.

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](#).

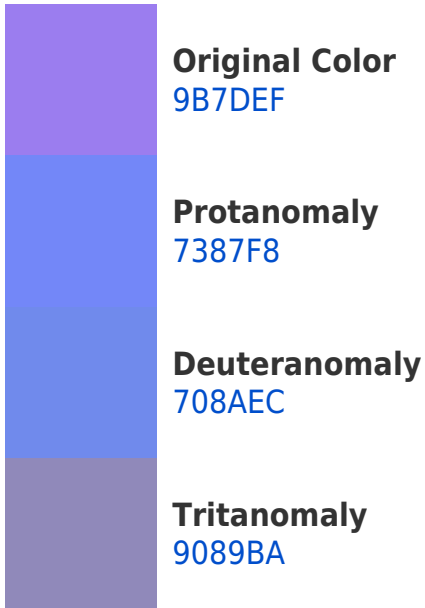
Dichromacy



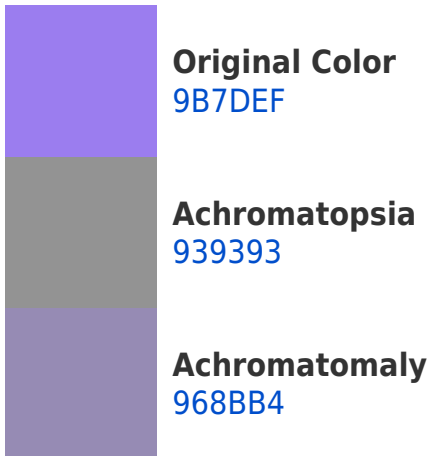


Tritanopia
89909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B7DEF 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 #9B7DEF looks like.

```
.text, #text, p{  
    color:#9B7DEF  
}
```

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 #9B7DEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B7DEF
}
```

Border

The CSS property to change the border of an element to Hex 9B7DEF 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
#9B7DEF }
```

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

```
.border{ border-color:#9B7DEF }
```

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

Here you see how a box with a 4 pixel #9B7DEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B7DEF; -webkit-box-shadow:4px 4px  
4px 4px #9B7DEF; box-shadow:4px 4px 4px  
4px #9B7DEF }
```

Background

The CSS property to change the background color of an element to Hex 9B7DEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B7DEF }
```

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

```
.background{ background-color:#9B7DEF }
```

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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