

Converting Colors

Hex(9B78ED)

Have a look what the booklet for
Hex(9B78ED) contains.

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Color

Hex(9B78ED)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9B78ED |
| RGB | 155, 120, 237 |
| RGB Percent | 61%, 47%, 93% |
| CMY | 0.3922, 0.5294, 0.0706 |
| CMYK | 0.35, 0.49, 0.00, 0.07 |
| HSL | 258°, 76%, 70% |
| HSV | 258°, 49%, 93% |
| XYZ | 35.5201, 26.5159, 83.3667 |
| YIQ | 143.8030, -16.6970, 43.8070 |

Conversions

Conversions Part 2

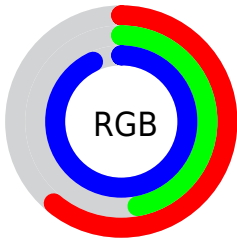
| Format | Color |
|-------------------------------------|--|
| RYB | 155, 120, 237 |
| Decimal | 10189037 |
| CIELab | 58.52, 38.93, -54.48 |
| CIELCh | 59, 66.957, 305.547 |
| Yxy | 26.5159, 0.2443, 0.1824 |
| Android (android.graphics.Color) | 4288379117 (0xFF9B78ED) |
| YUV | 143.8030, 45.9461, 9.8198 |
| Hunter-Lab | 51.4936, 33.0148, -59.9433 |

Details

The Hex color **9B78ED** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **CAED78**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **D4ADFF**, and **6346B4** is the 20% darker color. If you saturate the color by 10%, you get **8A60ED**, and if you desaturate by 10%, it is **AC90ED**.

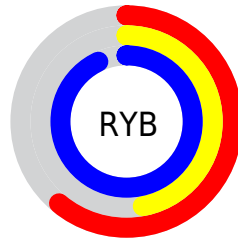
Distribution



Red (61%)

Green (47%)

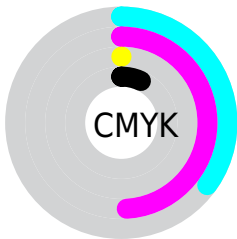
Blue (93%)



Red (61%)

Yellow (47%)

Blue (93%)

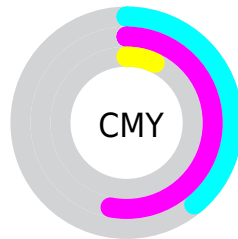


Cyan (35%)

Magenta (49%)

Yellow (0%)

Black (7%)



Cyan (39%)

Magenta (53%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B78ED 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 9B78ED by changing the saturation by 10% instead.

 9B78ED

 9B78ED

FFFFFF

 7F5FD0

 D4ADFF

 6346B4

 F2C9FF

 472F99

 FFE5FF


 29187F

 000265

 00004C

 000434

 00021E

 000001

 9B78ED

 9B78ED

 8A60ED

 AC90ED

 7A49ED

 BCA7ED

 6931ED

 CDBFED

 5919ED

 DDD7ED

 4802ED

 EEEEEED

 4700ED

 FFFFED

Harmonies

Analogous

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



0090FF



9B78ED



DB5CBE

Triad

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



9B78ED



CE7716



00A896

Complementary

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



9B78ED



CAED78

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.



00A459



9B78ED



9F8E00

Square

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



9B78ED



ED5E4C



619C1F



00A7D0

Rectangle

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



9B78ED



F05098



619C1F



00A782

Sweetspot

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



9B78ED



E4D9FF



78CCED



6F6980



000000



808080

Same Dimension

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



9B78ED



9669FF



D478ED



6D6A75



3600B5



100036

Inverse Universe

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



ED78CA



FF69D2



91ED78



756A72



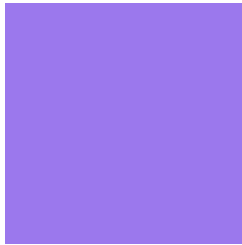
B5007F



360026

Previews

White Background



This preview shows how the Hex color 9B78ED 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

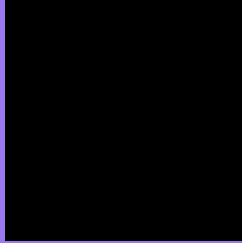
Any Text WCAG AA ✓ Pass

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 9B78ED Background



This preview shows how black text looks on a background with the Hex color 9B78ED.

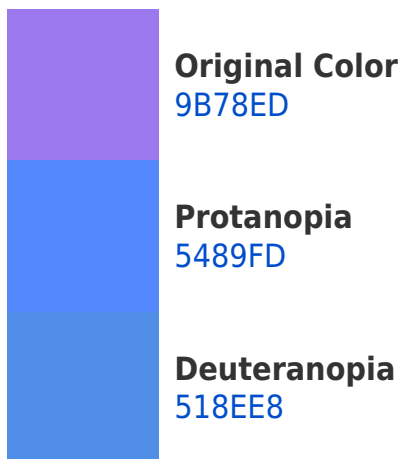


This preview shows how white text looks on a background with the Hex color 9B78ED.

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](#).

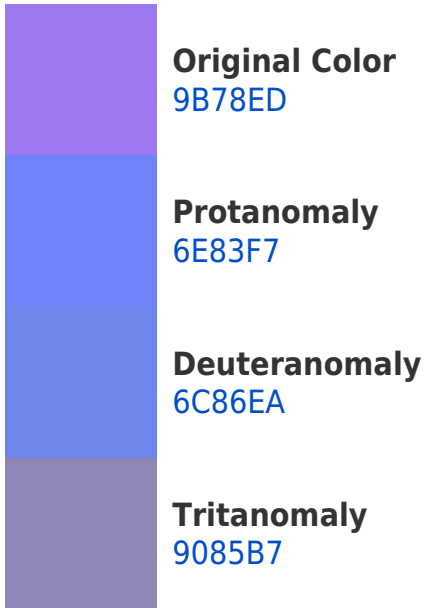
Dichromacy



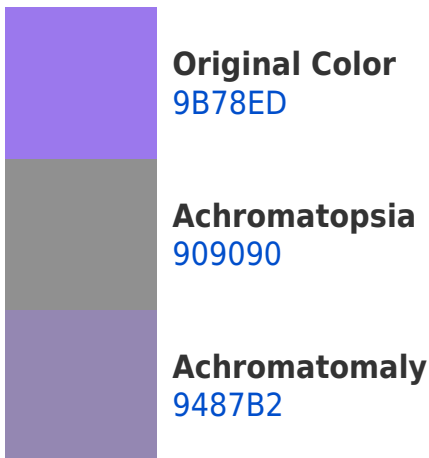


Tritanopia
898C98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B78ED 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 #9B78ED looks like.

```
.text, #text, p{  
    color:#9B78ED  
}
```

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 #9B78ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B78ED
}
```

Border

The CSS property to change the border of an element to Hex 9B78ED is called "border". The border property can be set on classes, ids or directly on the HTML element.

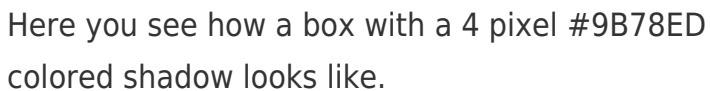
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B78ED }
```

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

```
.border{ border-color:#9B78ED }
```

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



Here you see how a box with a 4 pixel #9B78ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B78ED; -webkit-box-shadow:4px 4px  
4px 4px #9B78ED; box-shadow:4px 4px 4px  
4px #9B78ED }
```

Background

The CSS property to change the background color of an element to Hex 9B78ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B78ED }
```

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

```
.background{ background-color:#9B78ED }
```

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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