

Converting Colors

Hex(9B75EE)

Have a look what the booklet for
Hex(9B75EE) contains.

Hex(9B75EE)	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(9B75EE)

Conversions

Conversions Part 1

Format	Color
Hex	9B75EE
RGB	155, 117, 238
RGB Percent	61%, 46%, 93%
CMY	0.3922, 0.5412, 0.0667
CMYK	0.35, 0.51, 0.00, 0.07
HSL	259°, 78%, 70%
HSV	259°, 51%, 93%
XYZ	35.3115, 25.8642, 84.0201
YIQ	142.1560, -16.1930, 45.6870

Conversions

Conversions Part 2

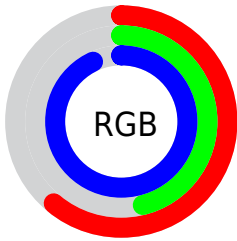
Format	Color
RYB	155, 117, 238
Decimal	10188270
CIELab	57.91, 40.87, -56.02
CIELCh	58, 69.344, 306.117
Yxy	25.8642, 0.2432, 0.1781
Android (android.graphics.Color)	4288378350 (0xFF9B75EE)
YUV	142.1560, 47.2511, 11.2642
Hunter-Lab	50.8568, 34.9386, -62.3526

Details

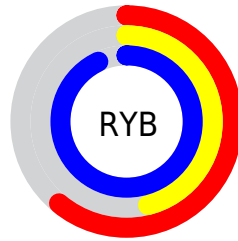
The Hex color **9B75EE** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C8EE75**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D5AAFF**, and **6343B5** is the 20% darker color. If you saturate the color by 10%, you get **8B5DEE**, and if you desaturate by 10%, it is **AB8DEE**.

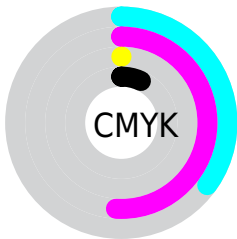
Distribution



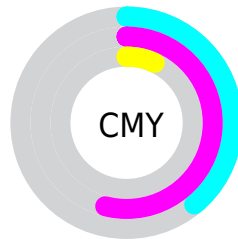
- Red (61%)
- Green (46%)
- Blue (93%)



- Red (61%)
- Yellow (46%)
- Blue (93%)



- Cyan (35%)
- Magenta (51%)
- Yellow (0%)
- Black (7%)



- Cyan (39%)
- Magenta (54%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B75EE 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 9B75EE by changing the saturation by 10% instead.

 9B75EE

 9B75EE

FFFFFF

 7F5CD1

 D5AAFF

 6343B5

 F2C6FF

 462C9A

 FFE2FF

 28147F

 000066

 00004D

 000535

 00021F

 000002

 9B75EE

 9B75EE

 8B5DEE

 AB8DEE

 7A45EE

 BCA5EE

 6A2EEE

 CCBCEE

 5A16EE

 DCD4EE

 4B00EE

 EDECEE

 FDFEE

 FFFEE

Harmonies

Analogous

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



008FFF



9B75EE



DD57BD

Triad

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



9B75EE



CD7609



00A796

Complementary

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



9B75EE



C8EE75

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.



00A357



9B75EE



9C8C00

Square

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



9B75EE



EE5A47



5B9B17



00A5D1

Rectangle

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



9B75EE



F14A96



5B9B17



00A681

Sweetspot

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



9B75EE



E5D9FF



75CAEE



706980



000000



808080

Same Dimension

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



9B75EE



9463FF



D675EE



706C78



3A00B8



120038

Inverse Universe

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



EE75C8



FF63CE



8DEE75



786C74



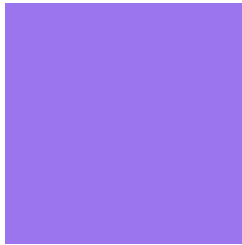
B8007E



380026

Previews

White Background



This preview shows how the Hex color 9B75EE looks on a white background.

Color Contrast Check

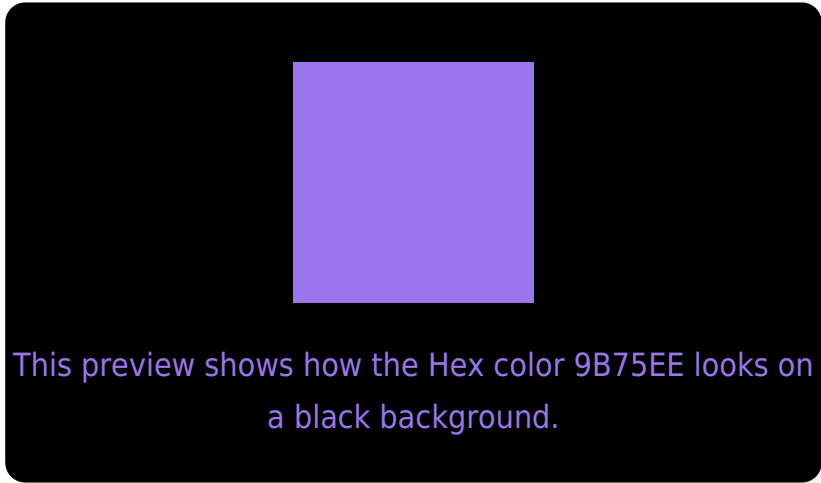
Large Text (above 18pt) WCAG AA ✓ Pass

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

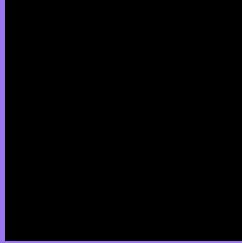
Any Text WCAG AA ✓ Pass

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 9B75EE Background



This preview shows how black text looks on a background with the Hex color 9B75EE.

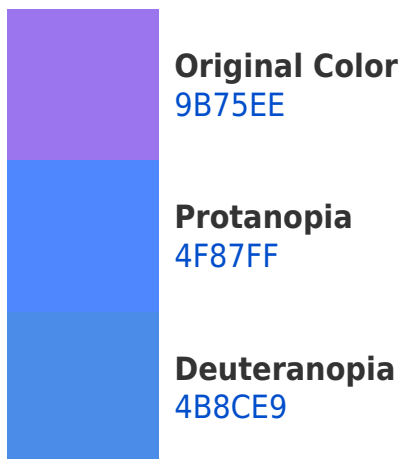


This preview shows how white text looks on a background with the Hex color 9B75EE.

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
888B96

Trichromacy



Original Color
9B75EE



Protanomaly
6B80F9



Deuteranomaly
6884EB



Tritanomaly
8F83B6

Monochromacy



Original Color
9B75EE



Achromatopsia
8E8E8E



Achromatomaly
9385B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B75EE 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 #9B75EE looks like.

```
.text, #text, p{  
    color:#9B75EE  
}
```

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 #9B75EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B75EE
}
```

Border

The CSS property to change the border of an element to Hex 9B75EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

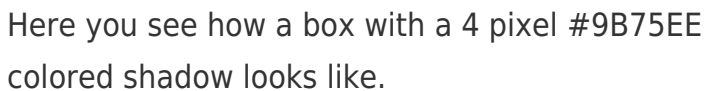
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B75EE }
```

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

```
.border{ border-color:#9B75EE }
```

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



Here you see how a box with a 4 pixel #9B75EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B75EE; -webkit-box-shadow:4px 4px  
4px 4px #9B75EE; box-shadow:4px 4px 4px  
4px #9B75EE }
```

Background

The CSS property to change the background color of an element to Hex 9B75EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B75EE }
```

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

```
.background{ background-color:#9B75EE }
```

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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