

Converting Colors

Hex(9C66ED)

Have a look what the booklet for
Hex(9C66ED) contains.

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Color

Hex(9C66ED)

Conversions

Conversions Part 1

Format	Color
Hex	9C66ED
RGB	156, 102, 237
RGB Percent	61%, 40%, 93%
CMY	0.3882, 0.6000, 0.0706
CMYK	0.34, 0.57, 0.00, 0.07
HSL	264°, 79%, 66%
HSV	264°, 57%, 93%
XYZ	33.7477, 22.6851, 82.7207
YIQ	133.5360, -11.1510, 53.4330

Conversions

Conversions Part 2

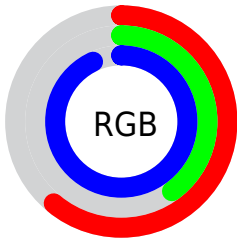
Format	Color
RYB	156, 102, 237
Decimal	10249965
CIELab	54.75, 49.11, -60.52
CIElCh	55, 77.939, 309.062
Yxy	22.6851, 0.2425, 0.1630
Android (android.graphics.Color)	4288440045 (0xFF9C66ED)
YUV	133.5360, 51.0078, 19.7009
Hunter-Lab	47.6289, 43.1268, -69.6333

Details

The Hex color **9C66ED** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **B7ED66**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **D69BFF**, and **6334B4** is the 20% darker color. If you saturate the color by 10%, you get **8E4EED**, and if you desaturate by 10%, it is **AA7EED**.

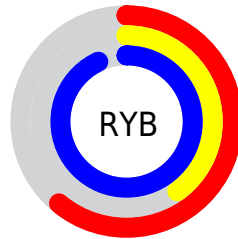
Distribution



Red (61%)

Green (40%)

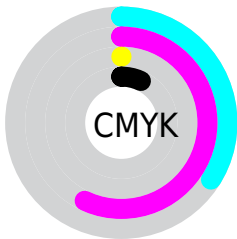
Blue (93%)



Red (61%)

Yellow (40%)

Blue (93%)

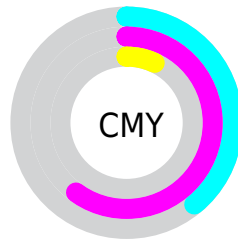


Cyan (34%)

Magenta (57%)

Yellow (0%)

Black (7%)



Cyan (39%)

Magenta (60%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C66ED 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 9C66ED by changing the saturation by 10% instead.

 9C66ED

 9C66ED

FFFFFF

 7F4DD0

 D69BFF

 6334B4

 F4B6FF

 461A99

 FFD2FF

 26007E

 FFEFFF

 000064

 00004C

 000434

 00021E

 000000

 9C66ED


 9C66ED

 8E4EED

 AA7EED

 8037ED

 B895ED

 711FED

 C7ADED

 6307ED

 D5C5ED

 5F00ED

 E3DCED

 F1F4ED

 FFFFED

Harmonies

Analogous

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



0085FF



9C66ED



E13EB5

Triad

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



9C66ED



C46E00



00A096

Complementary

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



9C66ED



B7ED66

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.



009D4F



9C66ED



8C8700

Square

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



9C66ED



EB4A30



3E9600



009FD7

Rectangle

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



9C66ED



F42988



3E9600



00A07F

Sweetspot

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



9C66ED



E5D4FF



66B7ED



706680



000000



808080

Same Dimension

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



9C66ED



9752FF



E066ED



6E6A75



4800B5



150036

Inverse Universe

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



ED66B7



FF52BA



74ED66



756A71



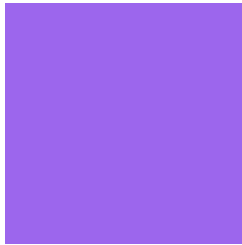
B5006D



360020

Previews

White Background



This preview shows how the Hex color 9C66ED looks on a white background.

Color Contrast Check

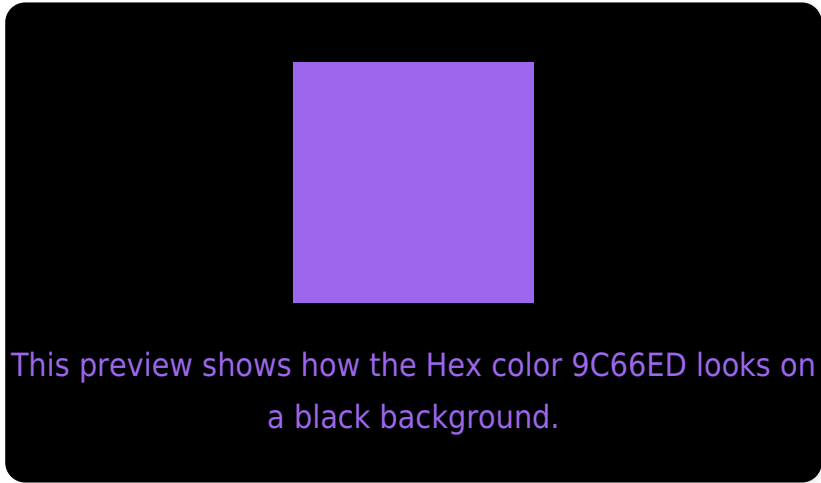
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C66ED Background



This preview shows how black text looks on a background with the Hex color 9C66ED.

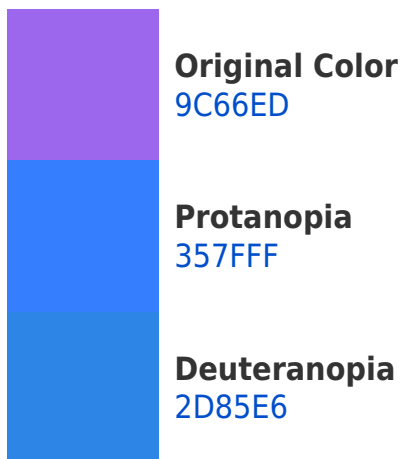


This preview shows how white text looks on a background with the Hex color 9C66ED.

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
88808A

Trichromacy



Original Color
9C66ED



Protanomaly
5A76F8



Deuteranomaly
557AE9



Tritanomaly
8F77AE

Monochromacy



Original Color
9C66ED



Achromatopsia
868686



Achromatomaly
8E7AAB

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C66ED 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 #9C66ED looks like.

```
.text, #text, p{  
    color:#9C66ED  
}
```

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 #9C66ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C66ED
}
```

Border

The CSS property to change the border of an element to Hex 9C66ED 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
#9C66ED }
```

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

```
.border{ border-color:#9C66ED }
```

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

Here you see how a box with a 4 pixel #9C66ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C66ED; -webkit-box-shadow:4px 4px  
4px 4px #9C66ED; box-shadow:4px 4px 4px  
4px #9C66ED }
```

Background

The CSS property to change the background color of an element to Hex 9C66ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C66ED }
```

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

```
.background{ background-color:#9C66ED }
```

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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