

Converting Colors

Hex(9A85EC)

Have a look what the booklet for
Hex(9A85EC) contains.

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Color

Hex(9A85EC)

Conversions

Conversions Part 1

Format	Color
Hex	9A85EC
RGB	154, 133, 236
RGB Percent	60%, 52%, 93%
CMY	0.3961, 0.4784, 0.0745
CMYK	0.35, 0.44, 0.00, 0.07
HSL	252°, 73%, 72%
HSV	252°, 44%, 93%
XYZ	36.8543, 29.7012, 83.1474
YIQ	151.0210, -20.5470, 36.4850

Conversions

Conversions Part 2

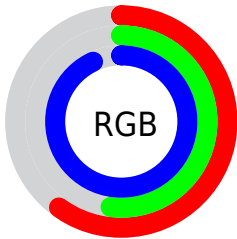
Format	Color
RYB	154, 133, 236
Decimal	10126828
CIELab	61.40, 31.00, -49.37
CIELCh	61, 58.293, 302.128
Yxy	29.7012, 0.2462, 0.1984
Android (android.graphics.Color)	4288316908 (0xFF9A85EC)
YUV	151.0210, 41.8946, 2.6126
Hunter-Lab	54.4988, 25.3359, -52.3080

Details

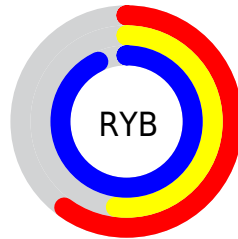
The Hex color **9A85EC** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D7EC85**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **D3BAFF**, and **6353B4** is the 20% darker color. If you saturate the color by 10%, you get **876DEC**, and if you desaturate by 10%, it is **AD9DEC**.

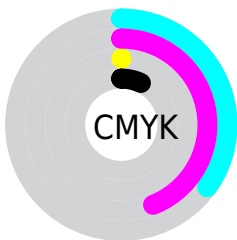
Distribution



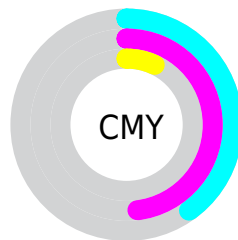
- Red (60%)
- Green (52%)
- Blue (93%)



- Red (60%)
- Yellow (52%)
- Blue (93%)



- Cyan (35%)
- Magenta (44%)
- Yellow (0%)
- Black (7%)



- Cyan (40%)
- Magenta (48%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A85EC 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 9A85EC by changing the saturation by 10% instead.

 9A85EC

 9A85EC

FFFFFF

 7E6CCF

 D3BAFF

 6353B4

 F0D6FF

 473C98

 FFF3FF

 2A257E

 011064

 00004C

 000434

 00021E

 000000

 9A85EC

 9A85EC

 876DEC

 AD9DEC

 7456EC

 C0B4EC

 623EEC

 D2CCEC

 4F27EC

 E5E3EC

 3C0FEC

 F8FBEC

 3000EC

 FFFFEC

Harmonies

Analogous

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



0099FB



9A85EC



D66FC5

Triad

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



9A85EC



D58037



00AD96

Complementary

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



9A85EC



D7EC85

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.



21A962



9A85EC



AC9322

Square

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



9A85EC



EE6C60



77A136



00ACCA

Rectangle

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



9A85EC



EB66A4



77A136



00AC84

Sweetspot

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



9A85EC



E5DEFF



85D7EC



6F6B80



000000



808080

Same Dimension

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



9A85EC



957AFF



CD85EC



6C6A75



2500B5



0B0036

Inverse Universe

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



EC85D7



FF7AE4



A4EC85



756A73



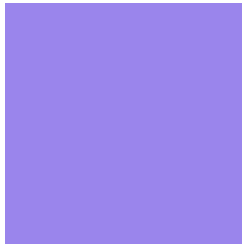
B50090



36002B

Previews

White Background



This preview shows how the Hex color 9A85EC looks on a white background.

Color Contrast Check

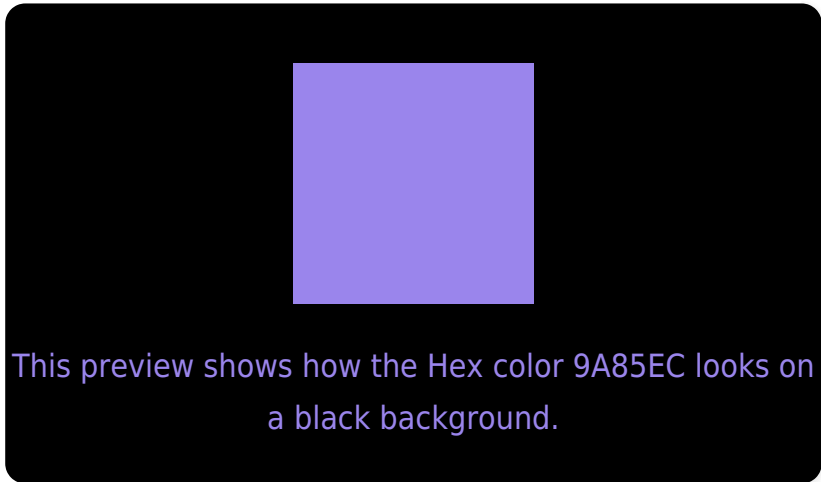
Large Text (above 18pt) WCAG AA ✓ Pass

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

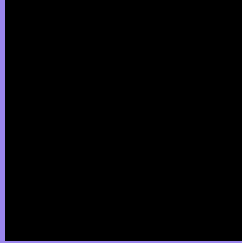
Any Text WCAG AA ✓ Pass

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 9A85EC Background



This preview shows how black text looks on a background with the Hex color 9A85EC.

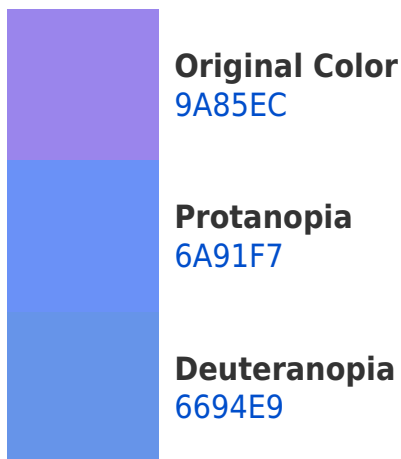


This preview shows how white text looks on a background with the Hex color 9A85EC.

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](#).

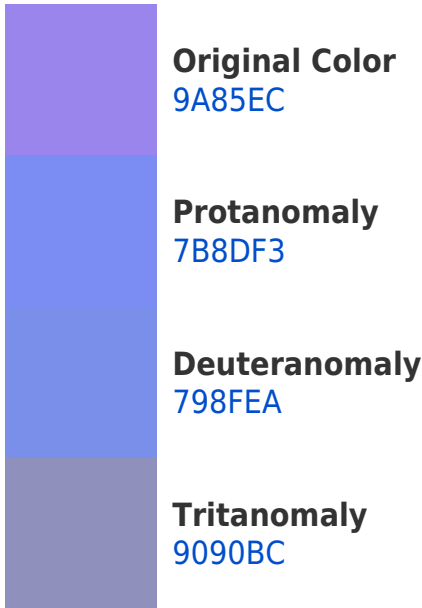
Dichromacy





Tritanopia
8A96A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A85EC 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 #9A85EC looks like.

```
.text, #text, p{  
    color:#9A85EC  
}
```

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 #9A85EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A85EC
}
```

Border

The CSS property to change the border of an element to Hex 9A85EC 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
#9A85EC }
```

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

```
.border{ border-color:#9A85EC }
```

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

Here you see how a box with a 4 pixel #9A85EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A85EC; -webkit-box-shadow:4px 4px  
4px 4px #9A85EC; box-shadow:4px 4px 4px  
4px #9A85EC }
```

Background

The CSS property to change the background color of an element to Hex 9A85EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A85EC }
```

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

```
.background{ background-color:#9A85EC }
```

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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