

Converting Colors

Hex(9E86E8)

Have a look what the booklet for
Hex(9E86E8) contains.

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Color

Hex(9E86E8)

Conversions

Conversions Part 1

Format	Color
Hex	9E86E8
RGB	158, 134, 232
RGB Percent	62%, 53%, 91%
CMY	0.3804, 0.4745, 0.0902
CMYK	0.32, 0.42, 0.00, 0.09
HSL	255°, 68%, 72%
HSV	255°, 42%, 91%
XYZ	37.1911, 30.1455, 80.2024
YIQ	152.3480, -17.1540, 35.5660

Conversions

Conversions Part 2

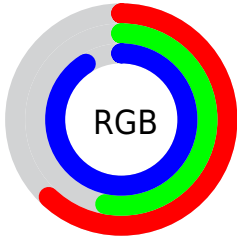
Format	Color
RYB	158, 134, 232
Decimal	10389224
CIELab	61.78, 30.45, -46.52
CIELCh	62, 55.602, 303.210
Yxy	30.1455, 0.2521, 0.2043
Android (android.graphics.Color)	4288579304 (0xFF9E86E8)
YUV	152.3480, 39.2684, 4.9568
Hunter-Lab	54.9049, 24.8276, -48.1745

Details

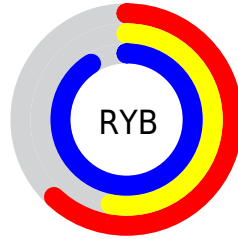
The Hex color **9E86E8** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D0E886**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **D7BBFF**, and **6754B0** is the 20% darker color. If you saturate the color by 10%, you get **8C6FE8**, and if you desaturate by 10%, it is **B09DE8**.

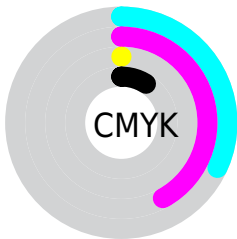
Distribution



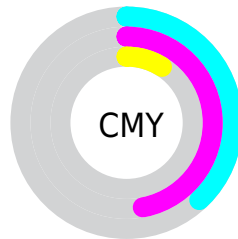
- Red (62%)
- Green (53%)
- Blue (91%)



- Red (62%)
- Yellow (53%)
- Blue (91%)



- Cyan (32%)
- Magenta (42%)
- Yellow (0%)
- Black (9%)



- Cyan (38%)
- Magenta (47%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E86E8 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 9E86E8 by changing the saturation by 10% instead.

 9E86E8

 9E86E8

FFFFFF

 826DCC

 D7BBFF

 6754B0

 F4D7FF

 4C3C95

 FFF4FF

 31267A

 101161

 000049

 000431


 00011B

 000000

 9E86E8

 9E86E8

 8C6FE8

 B09DE8

 7B58E8

 C1B4E8

 6940E8

 D3CCE8

 5829E8

 E4E3E8

 4612E8

 F6FAE8

 3900E8

 FFFFE8

Harmonies

Analogous

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



2F99F8



9E86E8



D572C3

Triad

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



9E86E8



D3823C



00AD99

Complementary

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



9E86E8



D0E886

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.



2AAA67



9E86E8



AB942B

Square

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



9E86E8



EB7062



78A23D



00ACCA

Rectangle

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



9E86E8



E969A3



78A23D



00AD88

Sweetspot

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



9E86E8



E6DEFF



86D1E8



706B80



000000



808080

Same Dimension

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



9E86E8



9D7DFF



CE86E8



6A6773



2C00B3



0C0033

Inverse Universe

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



E886D0



FF7DDF



A0E886



736770



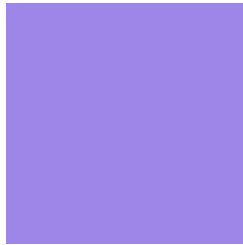
B30087



330027

Previews

White Background



This preview shows how the Hex color 9E86E8 looks on a white background.

Color Contrast Check

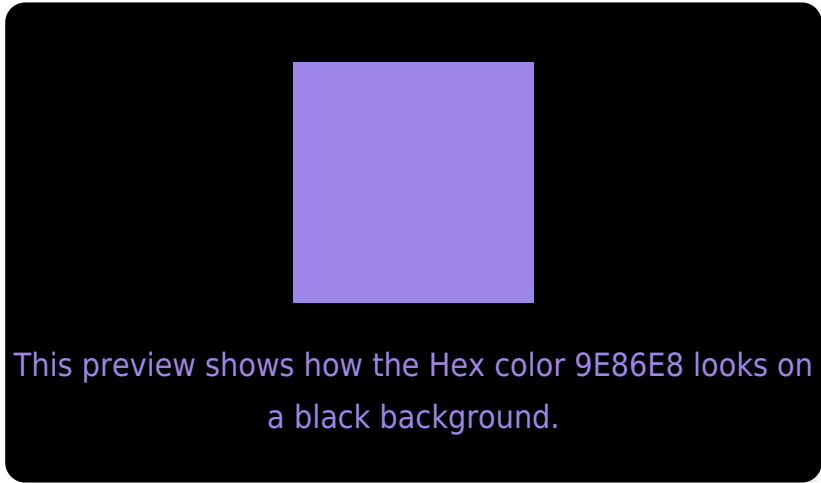
Large Text (above 18pt) WCAG AA × Fail

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

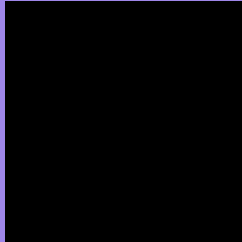
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 9E86E8 Background



This preview shows how black text looks on a background with the Hex color 9E86E8.



This preview shows how white text looks on a background with the Hex color 9E86E8.

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](#).

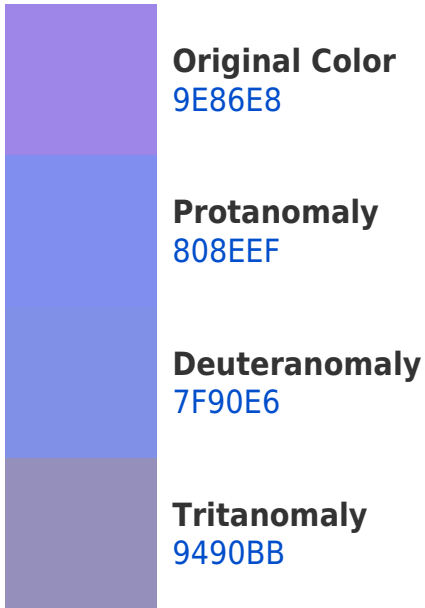
Dichromacy





Tritanopia
8F95A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E86E8 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 #9E86E8 looks like.

```
.text, #text, p{  
    color:#9E86E8  
}
```

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 #9E86E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E86E8  
}
```

Border

The CSS property to change the border of an element to Hex 9E86E8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

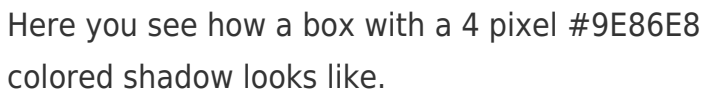
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9E86E8 }
```

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

```
.border{ border-color:#9E86E8 }
```

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



Here you see how a box with a 4 pixel #9E86E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E86E8; -webkit-box-shadow:4px 4px  
4px 4px #9E86E8; box-shadow:4px 4px 4px  
4px #9E86E8 }
```

Background

The CSS property to change the background color of an element to Hex 9E86E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E86E8 }
```

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

```
.background{ background-color:#9E86E8 }
```

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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