

Converting Colors

Hex(9886EE)

Have a look what the booklet for
Hex(9886EE) contains.

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Color

Hex(9886EE)

Conversions

Conversions Part 1

Format	Color
Hex	9886EE
RGB	152, 134, 238
RGB Percent	60%, 53%, 93%
CMY	0.4039, 0.4745, 0.0667
CMYK	0.36, 0.44, 0.00, 0.07
HSL	250°, 75%, 73%
HSV	250°, 44%, 93%
XYZ	36.9066, 29.8986, 84.7147
YIQ	151.2380, -22.6560, 36.1600

Conversions

Conversions Part 2

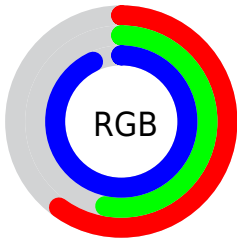
Format	Color
RYB	152, 134, 238
Decimal	9996014
CIELab	61.57, 30.44, -50.21
CIELCh	62, 58.717, 301.222
Yxy	29.8986, 0.2436, 0.1973
Android (android.graphics.Color)	4288186094 (0xFF9886EE)
YUV	151.2380, 42.7737, 0.6683
Hunter-Lab	54.6796, 24.7911, -53.5818

Details

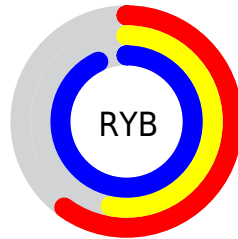
The Hex color **9886EE** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DCEE86**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **D1BBFF**, and **6054B5** is the 20% darker color. If you saturate the color by 10%, you get **846EEE**, and if you desaturate by 10%, it is **AC9EEE**.

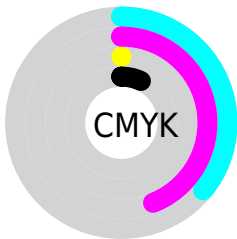
Distribution



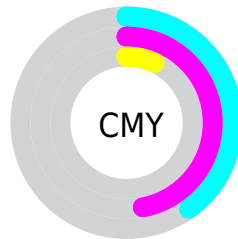
- Red (60%)
- Green (53%)
- Blue (93%)



- Red (60%)
- Yellow (53%)
- Blue (93%)



- Cyan (36%)
- Magenta (44%)
- Yellow (0%)
- Black (7%)



- Cyan (40%)
- Magenta (47%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9886EE 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 9886EE by changing the saturation by 10% instead.

 9886EE

 9886EE

FFFFFF

 7C6DD1

 D1BBFF

 6054B5

 EED7FF

 453D9A

 FFF4FF

 272780

 001266

 00004E

 000536

 00021F


 000003

 9886EE

 9886EE

 846EEE

 AC9EEE

 7156EE

 BFB6EE

 5D3FEE

 D3CDEE

 4927EE

 E7E5EE

 360FEE

 FAFDEE

 2900EE

 FFFFEE

Harmonies

Analogous

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



009AFD



9886EE



D570C8

Triad

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



9886EE



D77F38



00AD95

Complementary

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



9886EE



DCEE86

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.



25AA60



9886EE



AE9321

Square

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



9886EE



EF6B62



79A134



00ADC9

Rectangle

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



9886EE



EB66A6



79A134



00AD83

Sweetspot

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



9886EE



E4DEFF



86DDEE



6F6B80



000000



808080

Same Dimension

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



9886EE



917AFF



CB86EE



6E6C78



2000B8



0A0038

Inverse Universe

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



EE86DC



FF7AE8



A9EE86



786C76



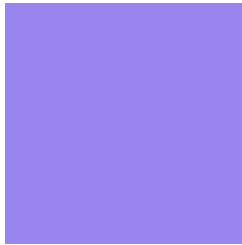
B80098



38002E

Previews

White Background



This preview shows how the Hex color 9886EE looks on a white background.

Color Contrast Check

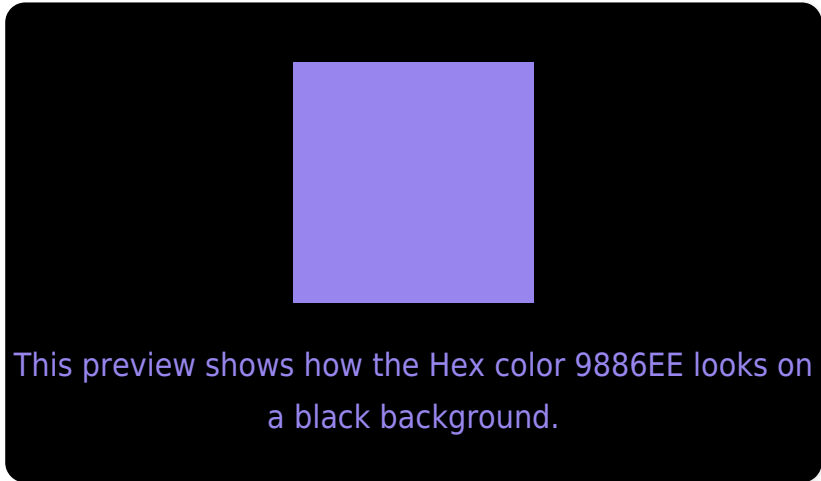
Large Text (above 18pt) WCAG AA ✓ Pass

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 9886EE Background



This preview shows how black text looks on a background with the Hex color 9886EE.

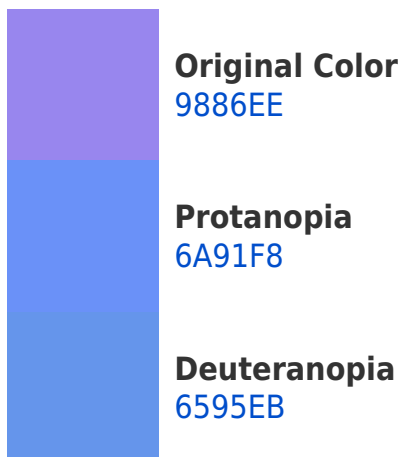


This preview shows how white text looks on a background with the Hex color 9886EE.

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](#).

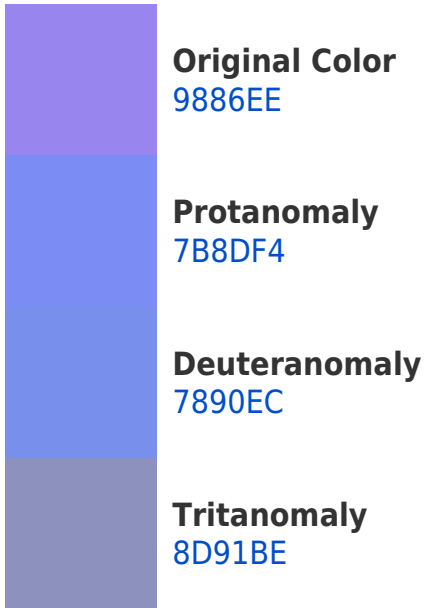
Dichromacy



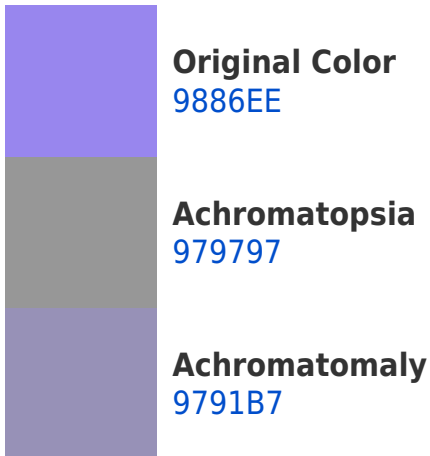


Tritanopia
8797A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9886EE 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 #9886EE looks like.

```
.text, #text, p{  
    color:#9886EE  
}
```

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 #9886EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9886EE  
}
```

Border

The CSS property to change the border of an element to Hex 9886EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

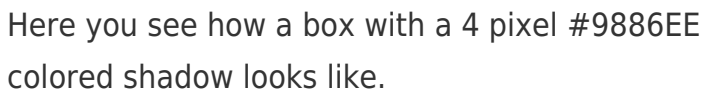
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9886EE }
```

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

```
.border{ border-color:#9886EE }
```

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



Here you see how a box with a 4 pixel #9886EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9886EE; -webkit-box-shadow:4px 4px  
4px 4px #9886EE; box-shadow:4px 4px 4px  
4px #9886EE }
```

Background

The CSS property to change the background color of an element to Hex 9886EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9886EE }
```

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

```
.background{ background-color:#9886EE }
```

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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