

Converting Colors

Hex(989EFC)

Have a look what the booklet for
Hex(989EFC) contains.

Hex(989EFC)	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(989EFC)

Conversions

Conversions Part 1

Format	Color
Hex	989EFC
RGB	152, 158, 252
RGB Percent	60%, 62%, 99%
CMY	0.4039, 0.3804, 0.0118
CMYK	0.40, 0.37, 0.00, 0.01
HSL	236°, 94%, 79%
HSV	236°, 40%, 99%
XYZ	42.7464, 38.1574, 97.2076
YIQ	166.9220, -33.7500, 27.9620

Conversions

Conversions Part 2

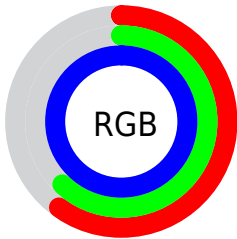
Format	Color
RYB	152, 158, 252
Decimal	10002172
CIELab	68.14, 20.42, -47.52
CIELCh	68, 51.720, 293.259
Yxy	38.1574, 0.2400, 0.2142
Android (android.graphics.Color)	4288192252 (0xFF989EFC)
YUV	166.9220, 41.9435, -13.0866
Hunter-Lab	61.7717, 15.4229, -50.0621

Details

The Hex color **989EFC** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FCF698**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **D1D4FF**, and **606BC3** is the 20% darker color. If you saturate the color by 10%, you get **7F86FC**, and if you desaturate by 10%, it is **B1B6FC**.

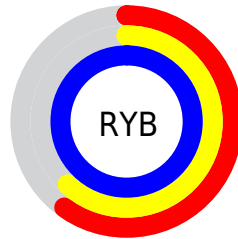
Distribution



Red (60%)

Green (62%)

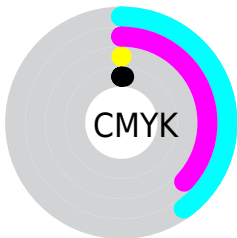
Blue (99%)



Red (60%)

Yellow (62%)

Blue (99%)

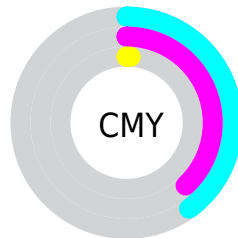


Cyan (40%)

Magenta (37%)

Yellow (0%)

Black (1%)



Cyan (40%)

Magenta (38%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 989EFC 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 989EFC by changing the saturation by 10% instead.

 989EFC

 989EFC

FFFFFF

 7C84DF

 D1D4FF

 606BC3

 EFF1FF

 4353A7

 243C8D

 002773

 001359

 000041

 00032A

 000115

 989EFC

 989EFC

 7F86FC

 B1B6FC

 666FFC

 CACDFC

 4C57FC


 E4E5FC

 333FFC

 FDFDFC

 1A28FC

FFFFFC

 0110FC

 000FFC

Harmonies

Analogous

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



22AEFF



989EFC



D68CDF

Triad

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



989EFC



EC8F5C



00BD9A

Complementary

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



989EFC



FCF698

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.



65B86C



989EFC



CAA046

Square

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



989EFC



FD8184



9DAE4C



00BDCA

Rectangle

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



989EFC



EF82C2



9DAE4C



27BC8A

Sweetspot

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



989EFC



E0E2FF



98FCF5



6E6F80



000000



808080

Same Dimension

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



989EFC



858CFF



C398FC



70717D



000BBD



00043D

Inverse Universe

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



FC989E



FF858C



D1FC98



7D7071



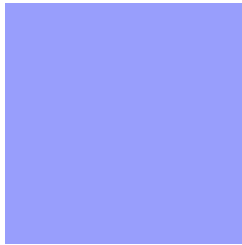
BD000B



3D0004

Previews

White Background



This preview shows how the Hex color 989EFC looks on a white background.

Color Contrast Check

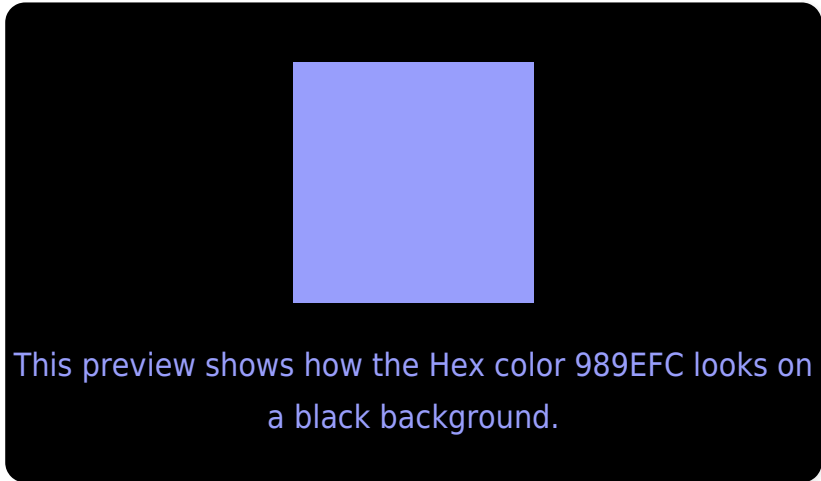
Large Text (above 18pt) WCAG AA × Fail

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

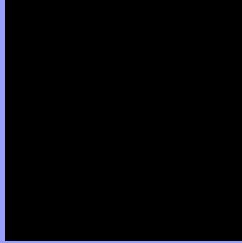
Any Text WCAG AA ✓ Pass

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 989EFC Background



This preview shows how black text looks on a background with the Hex color 989EFC.



This preview shows how white text looks on a background with the Hex color 989EFC.

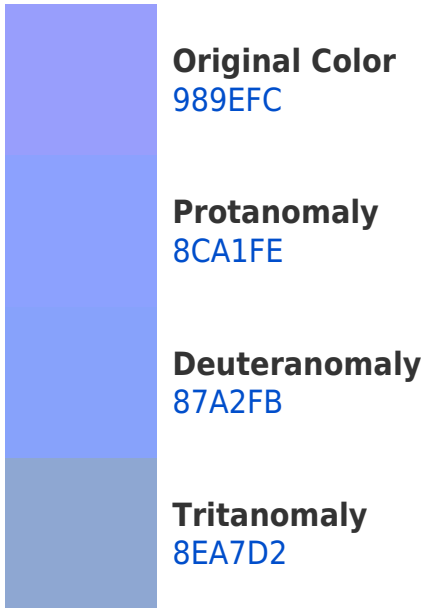
Color Blindness Simulation

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](#).

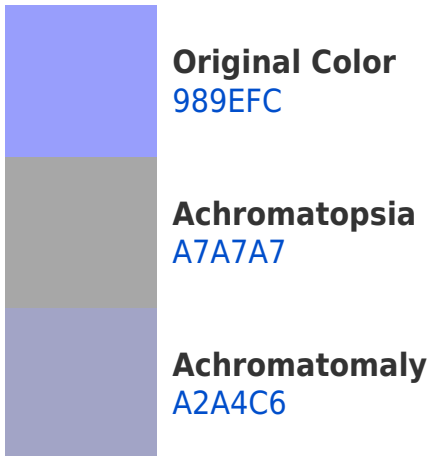
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 989EFC 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 #989EFC looks like.

```
.text, #text, p{  
  color:#989EFC  
}
```

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 #989EFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #989EFC
}
```

Border

The CSS property to change the border of an element to Hex 989EFC is called "border". The border property can be set on classes, ids or directly on the HTML element.

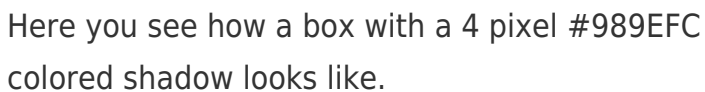
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#989EFC }
```

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

```
.border{ border-color:#989EFC }
```

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



Here you see how a box with a 4 pixel #989EFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #989EFC; -webkit-box-shadow:4px 4px  
4px 4px #989EFC; box-shadow:4px 4px 4px  
4px #989EFC }
```

Background

The CSS property to change the background color of an element to Hex 989EFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#989EFC }
```

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

```
.background{ background-color:#989EFC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor