

# Converting Colors

Hex(938EFF)

Have a look what the booklet for  
Hex(938EFF) contains.

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# **Color**

**Hex(938EFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	938EFF
RGB	147, 142, 255
RGB Percent	58%, 56%, 100%
CMY	0.4235, 0.4431, 0.0000
CMYK	0.42, 0.44, 0.00, 0.00
HSL	243°, 100%, 78%
HSV	243°, 44%, 100%
XYZ	39.7556, 32.7690, 98.8375
YIQ	156.3770, -33.2930, 36.2030

# Conversions

## Conversions Part 2

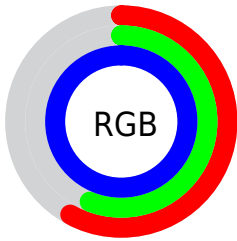
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 142, 255
Decimal	9670399
CIE <sub>Lab</sub>	63.97, 29.22, -55.76
CIE <sub>LCh</sub>	64, 62.955, 297.651
Yxy	32.7690, 0.2320, 0.1912
Android (android.graphics.Color)	4287860479 (0xFF938EFF)
YUV	156.3770, 48.6211, -8.2236
Hunter-Lab	57.2443, 23.7892, -62.2986

# Details

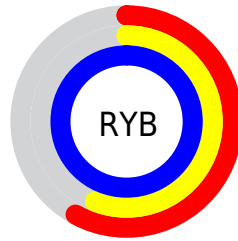
The Hex color **938EFF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FAFF8E**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **CDC4FF**, and **595CC6** is the 20% darker color. If you saturate the color by 10%, you get **7B75FF**, and if you desaturate by 10%, it is **ABA8FF**.

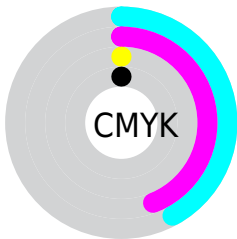
# Distribution



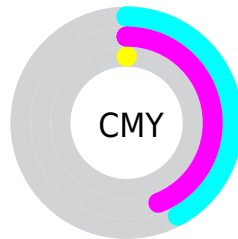
- Red (58%)
- Green (56%)
- Blue (100%)



- Red (58%)
- Yellow (56%)
- Blue (100%)



- Cyan (42%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (44%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 938EFF 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 938EFF by changing the saturation by 10% instead.



 938EFF

 938EFF

FFFFFF

 7674E2

 CDC4FF

 595CC6

 EBE0FF

 3B44AA

 FFFCFF

 142E8F

 001A75

 00045B

 000543

 00032C

 000116

 938EFF

 938EFF

 7B75FF

 ABA8FF

 625BFF

 C4C1FF

 4A42FF

 DCDBFF

 3228FF

 F4F4FF

 190FFF

FFFFFF

 0B00FF

# Harmonies

## Analogous

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



00A3FF



938EFF



DB75D8

# Triad

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



938EFF



E6813B



00B595

# Complementary

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



938EFF



FAFF8E

# 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.



30B15C



938EFF



BB971C

# Square

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



938EFF



FE6C6A



84A72D



00B5CE

# Rectangle

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



938EFF



F569B5



84A72D



00B481



# Sweetspot

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



938EFF



DFDEFF



8EFBFF



6C6B80



000000



808080



# Same Dimension

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



938EFF



7E78FF



CA8EFF



737380



0800BF



030040



# Inverse Universe

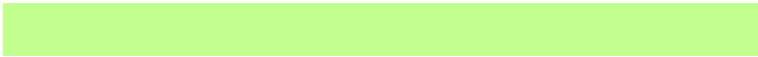
The Inverse Universe completely reimagines the original color for something new.



FF8EFA



FF78F9



C3FF8E



80737F



BF00B7

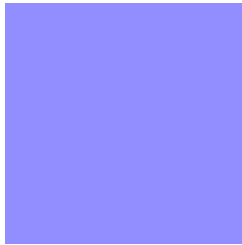


40003D



# Previews

## White Background



This preview shows how the Hex color 938EFF 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

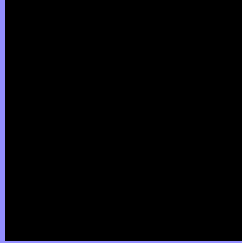
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 938EFF Background



This preview shows how black text looks on a background with the Hex color 938EFF.



This preview shows how white text looks on a background with the Hex color 938EFF.

# Color Blindness Simulation

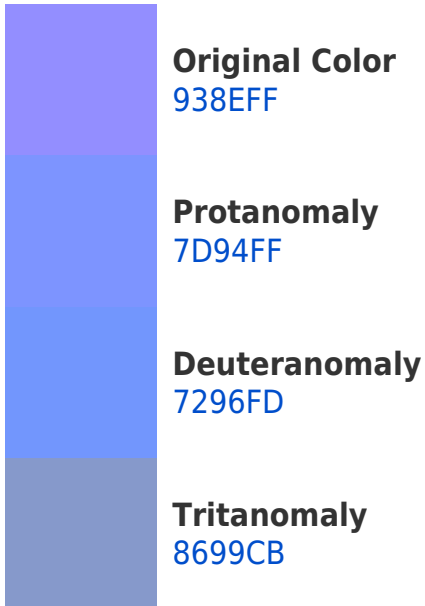
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

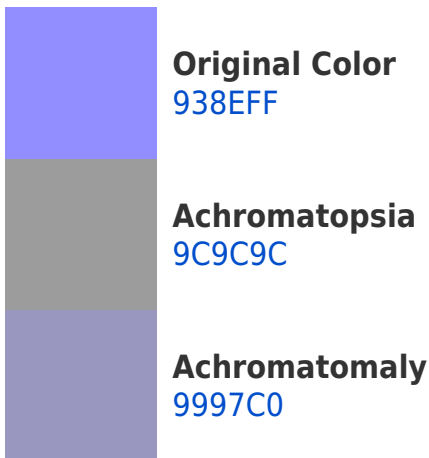




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 938EFF 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 #938EFF looks like.

```
.text, #text, p{  
    color:#938EFF  
}
```

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 #938EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938EFF
}
```

## Border

The CSS property to change the border of an element to Hex 938EFF 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
#938EFF }
```

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

```
.border{ border-color:#938EFF }
```

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

Here you see how a box with a 4 pixel #938EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938EFF; -webkit-box-shadow:4px 4px  
4px 4px #938EFF; box-shadow:4px 4px 4px  
4px #938EFF }
```

# Background

The CSS property to change the background color of an element to Hex 938EFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938EFF }
```

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

```
.background{ background-color:#938EFF }
```

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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