

# Converting Colors

Hex(939FFA)

Have a look what the booklet for  
Hex(939FFA) contains.

<b>Hex(939FFA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(939FFA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	939FFA
RGB	147, 159, 250
RGB Percent	58%, 62%, 98%
CMY	0.4235, 0.3765, 0.0196
CMYK	0.41, 0.36, 0.00, 0.02
HSL	233°, 91%, 78%
HSV	233°, 41%, 98%
XYZ	41.6861, 37.9014, 95.5611
YIQ	165.7860, -36.3630, 25.7570

# Conversions

## Conversions Part 2

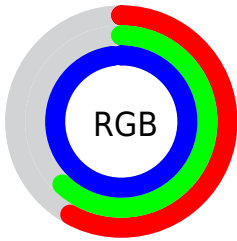
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">147, 158, 250</a>
Decimal	<a href="#">9674746</a>
CIELab	<a href="#">67.95, 18.04, -46.75</a>
CIELCh	<a href="#">68, 50.109, 291.104</a>
Yxy	<a href="#">37.9014, 0.2380, 0.2164</a>
Android (android.graphics.Color)	<a href="#">4287864826</a> ( <a href="#">0xFF939FFA</a> )
YUV	<a href="#">165.7860, 41.5175, -16.4753</a>
Hunter-Lab	<a href="#">61.5642, 13.1280, -48.9362</a>

# Details

The Hex color `939FFA` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `FAEE93`, and the grayscale version is `A5A5A5`.

A 20% lighter version of the original color is `CCD6FF`, and `5B6CC1` is the 20% darker color. If you saturate the color by 10%, you get `7A89FA`, and if you desaturate by 10%, it is `ACB5FA`.

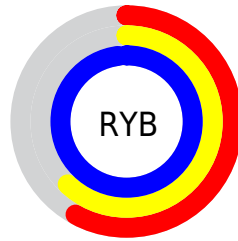
# Distribution



Red (58%)

Green (62%)

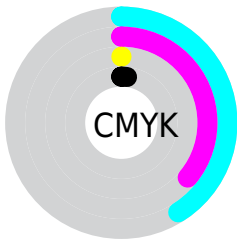
Blue (98%)



Red (58%)

Yellow (62%)

Blue (98%)

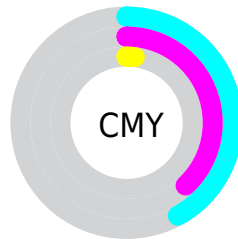


Cyan (41%)

Magenta (36%)

Yellow (0%)

Black (2%)



Cyan (42%)

Magenta (38%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 939FFA 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 939FFA by changing the saturation by 10% instead.



■ 939FFA

■ 939FFA

FFFFFF

■ 7785DD

■ CCD6FF

■ 5B6CC1

■ EAF2FF

■ 3E54A6

■ 1C3D8B

■ 002871

■ 001458

■ 000040

■ 000329

■ 000113

 939FFA

 939FFA

 7A89FA

 ACB5FA

 6173FA

 C5CBFA

 485DFA

 DEE1FA

 2F47FA

 F7F7FA

 1631FA

 FFFFA

 001DFA

# Harmonies

## Analogous

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



1FAEFF



939FFA



D08DDF

# Triad

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



939FFA



EC8E61



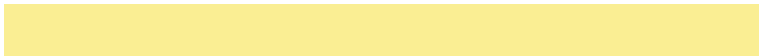
00BC96

# Complementary

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



939FFA



FAEE93

# 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.



6BB76B



939FFA



CC9E4A

# Square

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



939FFA



FA8187



A1AD4E



00BCC5

# Rectangle

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



939FFA



EA84C4



A1AD4E



38BA87



# Sweetspot

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



939FFA



E0E4FF



93FAEE



6E7080



000000



808080



# Same Dimension

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



939FFA



8291FF



BA93FA



70727D



0016BD



00073D



# Inverse Universe

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



FA939F



FF8291



D3FA93



7D7072



BD0016



3D0007



# Previews

## White Background



This preview shows how the Hex color 939FFA 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

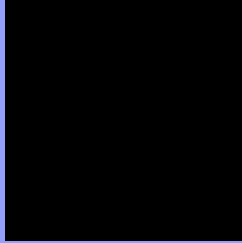
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 939FFA Background



This preview shows how black text looks on a background with the Hex color 939FFA.

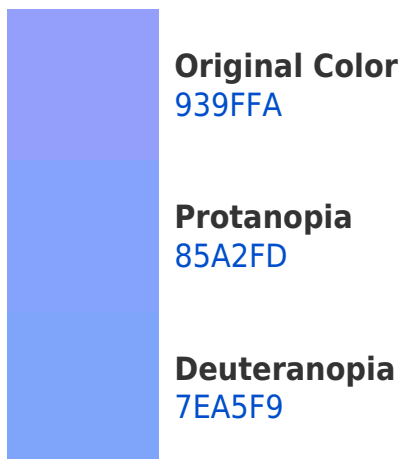


This preview shows how white text looks on a background with the Hex color 939FFA.

# 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](#).

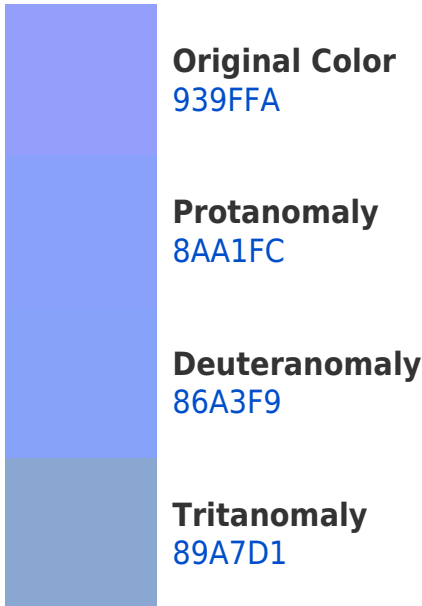
## Dichromacy



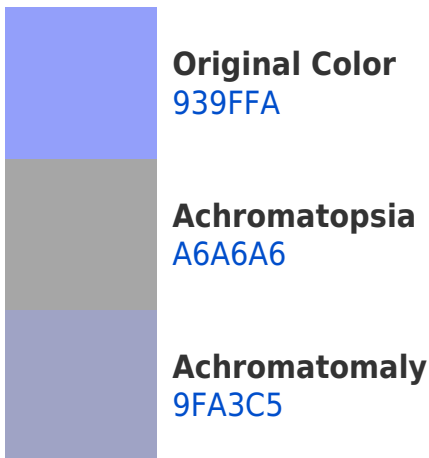


**Tritanopia**  
83ACBA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 939FFA 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 #939FFA looks like.

```
.text, #text, p{  
    color:#939FFA  
}
```

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 #939FFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939FFA
}
```

## Border

The CSS property to change the border of an element to Hex 939FFA 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
#939FFA }
```

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

```
.border{ border-color:#939FFA }
```

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

Here you see how a box with a 4 pixel #939FFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939FFA; -webkit-box-shadow:4px 4px  
4px 4px #939FFA; box-shadow:4px 4px 4px  
4px #939FFA }
```

# Background

The CSS property to change the background color of an element to Hex 939FFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939FFA }
```

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

```
.background{ background-color:#939FFA }
```

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