

# Converting Colors

Hex(929AF7)

Have a look what the booklet for  
Hex(929AF7) contains.

<b>Hex(929AF7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(929AF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	929AF7
RGB	146, 154, 247
RGB Percent	57%, 60%, 97%
CMY	0.4275, 0.3961, 0.0314
CMYK	0.41, 0.38, 0.00, 0.03
HSL	235°, 86%, 77%
HSV	235°, 41%, 97%
XYZ	40.1982, 35.9376, 92.8137
YIQ	162.2100, -34.6210, 27.2270

# Conversions

## Conversions Part 2

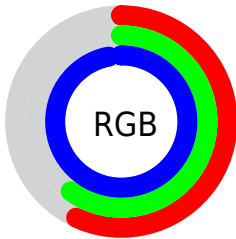
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 153, 247
Decimal	9607927
CIE <sub>Lab</sub>	66.47, 19.83, -47.44
CIE <sub>LCh</sub>	66, 51.417, 292.684
Yxy	35.9376, 0.2379, 0.2127
Android (android.graphics.Color)	4287798007 (0xFF929AF7)
YUV	162.2100, 41.8015, -14.2162
Hunter-Lab	59.9480, 14.7844, -49.8314

# Details

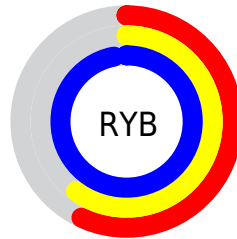
The Hex color **929AF7** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F7EF92**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **CBD0FF**, and **5A67BE** is the 20% darker color. If you saturate the color by 10%, you get **7983F7**, and if you desaturate by 10%, it is **ABB1F7**.

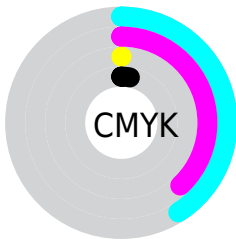
# Distribution



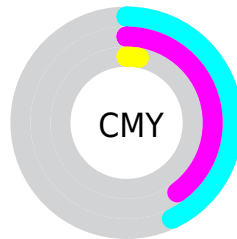
- Red (57%)
- Green (60%)
- Blue (97%)



- Red (57%)
- Yellow (60%)
- Blue (97%)



- Cyan (41%)
- Magenta (38%)
- Yellow (0%)
- Black (3%)



- Cyan (43%)
- Magenta (40%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 929AF7 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 929AF7 by changing the saturation by 10% instead.



■ 929AF7

FFFFFF

■ CBD0FF

■ E9ECFF

■ 929AF7

■ 7680DA

■ 5A67BE

■ 3D4FA3

■ 1B3988

■ 00246E

■ 001055

■ 00023D

■ 000327

■ 000110

■ 929AF7

■ 929AF7

■ 7983F7

■ ABB1F7

■ 616DF7

■ C3C7F7

■ 4856F7

■ DCDEF7

■ 2F3FF7

■ F5F5F7

■ 1728F7

■ FFFFF7

■ 0014F7

# Harmonies

## Analogous

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



10AAF7



929AF7



D088DA

# Triad

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



929AF7



E78A59



00B894

# Complementary

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



929AF7



F7EF92

# 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.



62B367



929AF7



C69B43

# Square

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



929AF7



F87C81



9AAA48



00B9C4

# Rectangle

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



929AF7



E97EBE



9AAA48



24B785



# Sweetspot

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



929AF7



E0E3FF



92F7EF



6E6F80



000000



808080



# Same Dimension

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



929AF7



828CFF



BC92F7



6E6F7A



000FBA



00053B



# Inverse Universe

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



F7929A



FF828C



CDF792



7A6E6F



BA000F

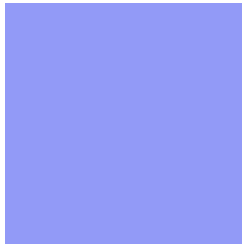


3B0005



# Previews

## White Background



This preview shows how the Hex color 929AF7 looks on a white background.

## Color Contrast Check

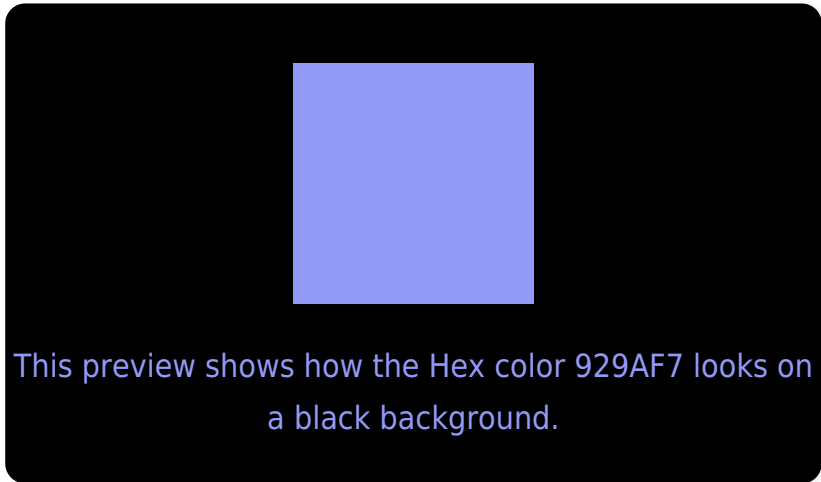
Large Text (above 18pt) WCAG AA × Fail

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

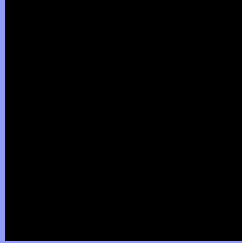
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 929AF7 Background



This preview shows how black text looks on a background with the Hex color 929AF7.

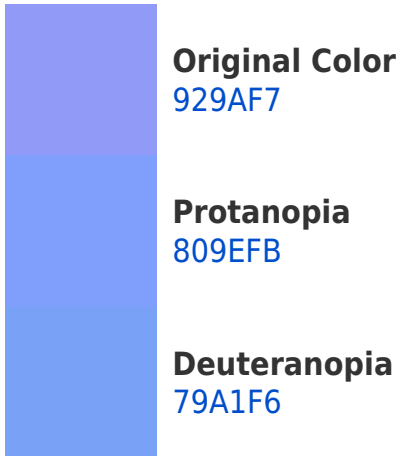


This preview shows how white text looks on a background with the Hex color 929AF7.

# 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](#).

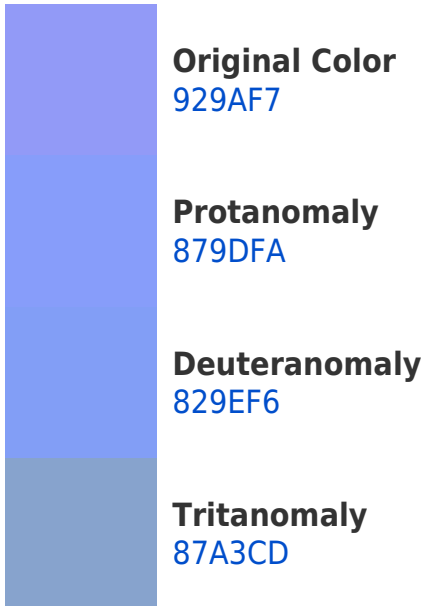
## Dichromacy



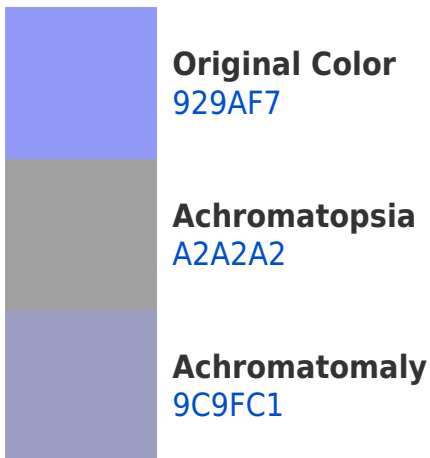


**Tritanopia**  
81A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 929AF7 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 #929AF7 looks like.

```
.text, #text, p{  
    color:#929AF7  
}
```

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 #929AF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #929AF7
}
```

## Border

The CSS property to change the border of an element to Hex 929AF7 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
#929AF7 }
```

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

```
.border{ border-color:#929AF7 }
```

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

Here you see how a box with a 4 pixel #929AF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #929AF7; -webkit-box-shadow:4px 4px  
4px 4px #929AF7; box-shadow:4px 4px 4px  
4px #929AF7 }
```

# Background

The CSS property to change the background color of an element to Hex 929AF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#929AF7 }
```

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

```
.background{ background-color:#929AF7 }
```

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