

# Converting Colors

Hex(937DFB)

Have a look what the booklet for  
Hex(937DFB) contains.

<b>Hex(937DFB)</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(937DFB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	937DFB
RGB	147, 125, 251
RGB Percent	58%, 49%, 98%
CMY	0.4235, 0.5098, 0.0157
CMYK	0.41, 0.50, 0.00, 0.02
HSL	250°, 94%, 74%
HSV	250°, 50%, 98%
XYZ	36.7788, 27.8353, 94.7011
YIQ	145.9420, -27.3340, 43.8500

# Conversions

## Conversions Part 2

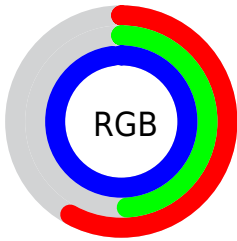
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 125, 251
Decimal	9666043
CIE <sub>Lab</sub>	59.74, 37.89, -60.32
CIE <sub>LCh</sub>	60, 71.236, 302.133
Yxy	27.8353, 0.2309, 0.1747
Android (android.graphics.Color)	4287856123 (0xFF937DFB)
YUV	145.9420, 51.7936, 0.9279
Hunter-Lab	52.7592, 32.1051, -69.4923

# Details

The Hex color **937DFB** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **E5FB7D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **CDB2FF**, and **594BC2** is the 20% darker color. If you saturate the color by 10%, you get **7E64FB**, and if you desaturate by 10%, it is **A896FB**.

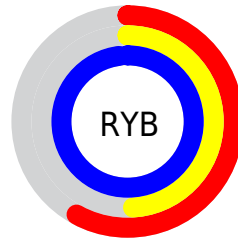
# Distribution



Red (58%)

Green (49%)

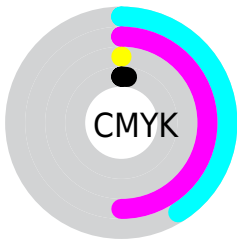
Blue (98%)



Red (58%)

Yellow (49%)

Blue (98%)

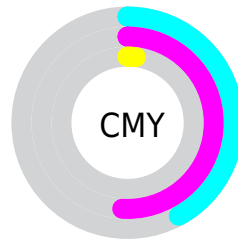


Cyan (41%)

Magenta (50%)

Yellow (0%)

Black (2%)



Cyan (42%)

Magenta (51%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 937DFB 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 937DFB by changing the saturation by 10% instead.



 937DFB

 937DFB

FFFFFF

 7664DE

 CDB2FF

 594BC2

 EBCEFF

 3A34A6

 FFEAFF

 121E8B

 000971

 000058

 00063F

 000328

 000112

■ 937DFB

■ 937DFB

■ 7E64FB

■ A896FB

■ 6A4BFB

■ BCAFFB

■ 5532FB

■ D1C8FB

■ 4019FB

■ E6E1FB

■ 2C00FB

■ FBFBBF

■ FFFFFB

# Harmonies

## Analogous

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



0096FF



937DFB



DE5ECC

# Triad

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



937DFB



DA7615



00AC93

# Complementary

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



937DFB



E5FB7D

# 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.



00A852



937DFB



A98F00

# Square

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



937DFB



F95951



699F0B



00ACD1

# Rectangle

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



937DFB



F74EA3



699F0B



00AB7D



# Sweetspot

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



937DFB



DFD9FF



7DE6FB



6D6980



000000



808080



# Same Dimension

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



937DFB



8166FF



D17DFB



73707D



2100BD



0B003D



# Inverse Universe

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



FB7DE5



FF66E4



A7FB7D



7D707B



BD009C

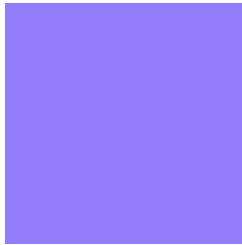


3D0033



# Previews

## White Background



This preview shows how the Hex color 937DFB 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

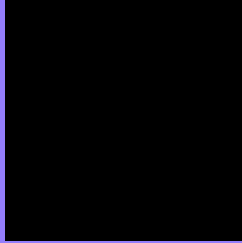
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 937DFB Background



This preview shows how black text looks on a background with the Hex color 937DFB.

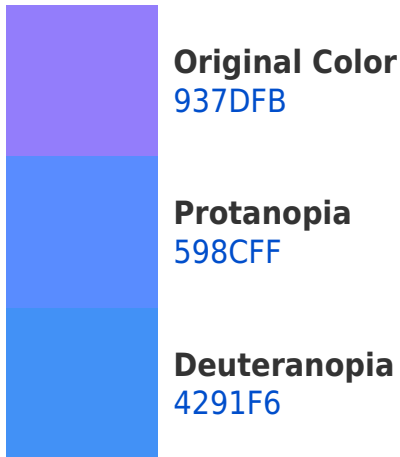


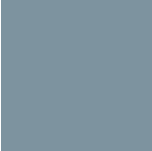
This preview shows how white text looks on a background with the Hex color 937DFB.

# 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**  
7D939F

# Trichromacy



**Original Color**  
937DFB



**Protanomaly**  
6E87FE



**Deuteranomaly**  
5F8AF8



**Tritanomaly**  
858BC0

# Monochromacy



**Original Color**  
937DFB



**Achromatopsia**  
929292



**Achromatomaly**  
928AB8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 937DFB 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 #937DFB looks like.

```
.text, #text, p{  
  color:#937DFB  
}
```

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 #937DFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937DFB
}
```

## Border

The CSS property to change the border of an element to Hex 937DFB is called "border". The border property can be set on classes, ids or directly on the HTML element.

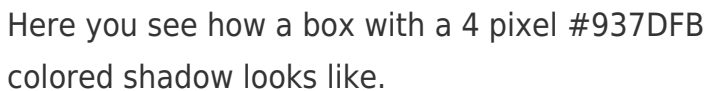
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#937DFB }
```

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

```
.border{ border-color:#937DFB }
```

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



Here you see how a box with a 4 pixel #937DFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937DFB; -webkit-box-shadow:4px 4px  
4px 4px #937DFB; box-shadow:4px 4px 4px  
4px #937DFB }
```

# Background

The CSS property to change the background color of an element to Hex 937DFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937DFB }
```

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

```
.background{ background-color:#937DFB }
```

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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