

# Converting Colors

Hex(9F37FB)

Have a look what the booklet for  
Hex(9F37FB) contains.

<b>Hex(9F37FB)</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(9F37FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F37FB
RGB	159, 55, 251
RGB Percent	62%, 22%, 98%
CMY	0.3765, 0.7843, 0.0157
CMYK	0.37, 0.78, 0.00, 0.02
HSL	272°, 96%, 60%
HSV	272°, 78%, 98%
XYZ	33.0769, 17.0683, 92.8180
YIQ	108.4400, -0.9320, 83.0040

# Conversions

## Conversions Part 2

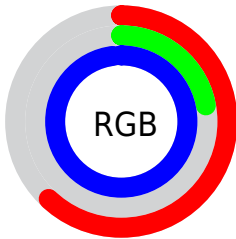
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	159, 55, 251
Decimal	10434555
CIE Lab	48.35, 74.34, -78.69
CIE LCh	48, 108.256, 313.370
Yxy	17.0683, 0.2314, 0.1194
Android (android.graphics.Color)	4288624635 (0xFF9F37FB)
YUV	108.4400, 70.2821, 44.3411
Hunter-Lab	41.3138, 70.6121, -104.2845

# Details

The Hex color **9F37FB** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **93FB37**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **DC71FF**, and **6200C1** is the 20% darker color. If you saturate the color by 10%, you get **931EFB**, and if you desaturate by 10%, it is **AB50FB**.

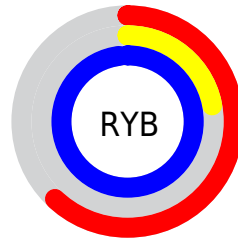
# Distribution



Red (62%)

Green (22%)

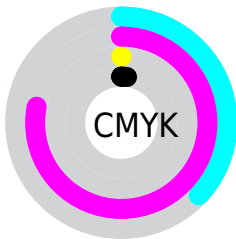
Blue (98%)



Red (62%)

Yellow (22%)

Blue (98%)

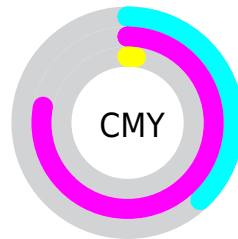


Cyan (37%)

Magenta (78%)

Yellow (0%)

Black (2%)



Cyan (38%)

Magenta (78%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F37FB 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 9F37FB by changing the saturation by 10% instead.



 9F37FB

 9F37FB

FFFFFF

 8110DE

 DC71FF

 6200C1

 FB8EFF

 4100A5

 FFAAFF

 17008A

 FFC7FF


 00006F

 FFE4FF

 000056

 00063D

 000327

 000110

 9F37FB

 9F37FB

 931EFB

 AB50FB

 8705FB

 B769FB

 8500FB

 C282FB

 CE9BFB

 DAB5FB

 E6CEFB

 F1E7FB

 FDFFFF

 FFFFFB

# Harmonies

## Analogous

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



0074FF



9F37FB



F400AA

# Triad

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



9F37FB



B55B00



00949B

# Complementary

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



9F37FB



93FB37

# 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.



009139



9F37FB



667C00

# Square

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



9F37FB



ED0000



008B00



0094F1

# Rectangle

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



9F37FB



FF006D



008B00



00937B



# Sweetspot

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



9F37FB



E3C4FF



3796FB



6F5C80



000000



808080



# Same Dimension

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



9F37FB



8E0FFF



FB37F8



77707D



6400BD



20003D



# Inverse Universe

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



FB3793



FF0F80



37FB3A



7D7076



BD0059

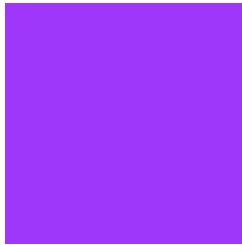


3D001D



# Previews

## White Background



This preview shows how the Hex color 9F37FB looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

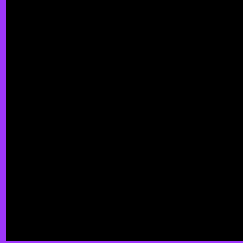
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9F37FB Background



This preview shows how black text looks on a background with the Hex color 9F37FB.

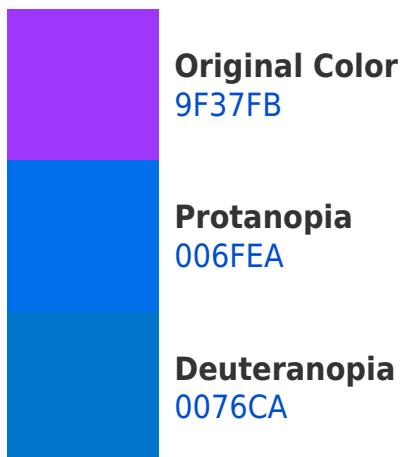



This preview shows how white text looks on a background with the Hex color 9F37FB.

# 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**  
846C74

# Trichromacy



**Original Color**  
9F37FB



**Protanomaly**  
3A5BF0



**Deuteranomaly**  
3A5FDC



**Tritanomaly**  
8E59A5

# Monochromacy



**Original Color**  
9F37FB



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
7F59A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F37FB 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 #9F37FB looks like.

```
.text, #text, p{  
    color:#9F37FB  
}
```

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 #9F37FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F37FB
}
```

## Border

The CSS property to change the border of an element to Hex 9F37FB is called "border". The border property can be set on classes, ids or directly on the HTML element.

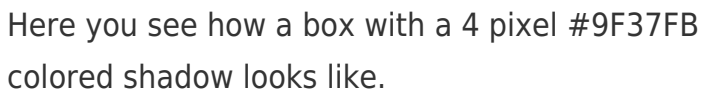
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F37FB }
```

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

```
.border{ border-color:#9F37FB }
```

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



Here you see how a box with a 4 pixel #9F37FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F37FB; -webkit-box-shadow:4px 4px  
4px 4px #9F37FB; box-shadow:4px 4px 4px  
4px #9F37FB }
```

# Background

The CSS property to change the background color of an element to Hex 9F37FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F37FB }
```

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

```
.background{ background-color:#9F37FB }
```

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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