

Converting Colors

Hex(9C83F3)

Have a look what the booklet for
Hex(9C83F3) contains.

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Color

Hex(9C83F3)

Conversions

Conversions Part 1

Format	Color
Hex	9C83F3
RGB	156, 131, 243
RGB Percent	61%, 51%, 95%
CMY	0.3882, 0.4863, 0.0471
CMYK	0.36, 0.46, 0.00, 0.05
HSL	253°, 82%, 73%
HSV	253°, 46%, 95%
XYZ	38.0043, 29.7716, 88.5375
YIQ	151.2430, -21.0520, 40.1320

Conversions

Conversions Part 2

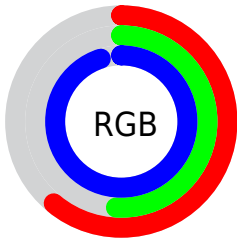
Format	Color
R _Y B	156, 131, 243
Decimal	10257395
CIE _{Lab}	61.46, 34.49, -53.13
CIE _{LCh}	61, 63.343, 302.992
Y _{xy}	29.7716, 0.2431, 0.1905
Android (android.graphics.Color)	4288447475 (0xFF9C83F3)
YUV	151.2430, 45.2362, 4.1719
Hunter-Lab	54.5633, 28.8423, -58.0129

Details

The Hex color **9C83F3** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DAF383**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **D5B8FF**, and **6451BA** is the 20% darker color. If you saturate the color by 10%, you get **896BF3**, and if you desaturate by 10%, it is **AF9BF3**.

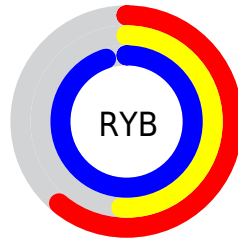
Distribution



Red (61%)

Green (51%)

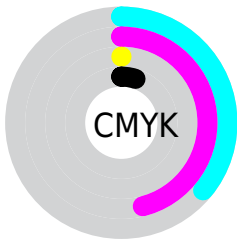
Blue (95%)



Red (61%)

Yellow (51%)

Blue (95%)

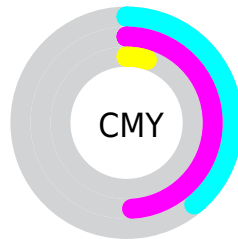


Cyan (36%)

Magenta (46%)

Yellow (0%)

Black (5%)



Cyan (39%)

Magenta (49%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C83F3 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 9C83F3 by changing the saturation by 10% instead.

 9C83F3

 9C83F3

FFFFFF

 806AD6

 D5B8FF

 6451BA

 F3D4FF

 483A9F

 FFF1FF

 2A2384

 000E6A

 000051

 000539

 000223

 00000A

 9C83F3

 9C83F3

 896BF3

 AF9BF3

 7652F3

 C2B4F3

 633AF3

 D5CCF3

 5022F3

 E8E4F3

 3E09F3

 FAF3F3

 3600F3

 FFFF33

Harmonies

Analogous

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



0099FF



9C83F3



DC6AC8

Triad

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



9C83F3



D87E2C



00AF99

Complementary

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



9C83F3



DAF383

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.



00AB5F



9C83F3



AB940E

Square

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



9C83F3



F4675B



72A22C



00AED0

Rectangle

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



9C83F3



F25FA4



72A22C



00AE85

Sweetspot

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



9C83F3



E3DBFF



83DBF3



6F6A80



000000



808080

Same Dimension

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



9C83F3



9273FF



D383F3



716E7A



2A00BA



0D003B

Inverse Universe

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



F383DA



FF73E0



A3F383



7A6E78



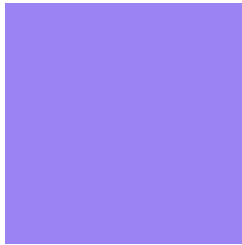
BA0091



3B002E

Previews

White Background



This preview shows how the Hex color 9C83F3 looks on a white background.

Color Contrast Check

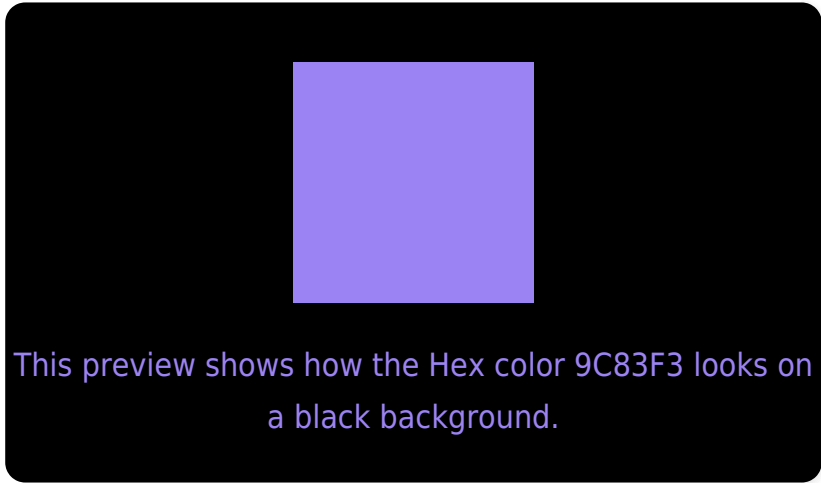
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C83F3 Background



This preview shows how black text looks on a background with the Hex color 9C83F3.

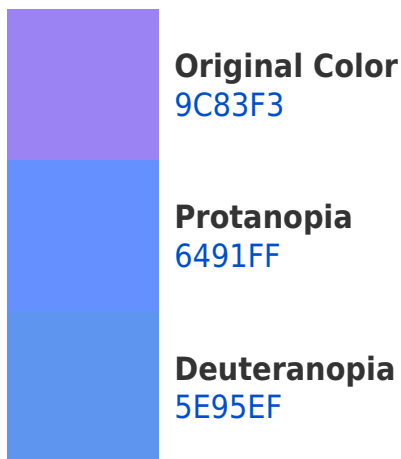


This preview shows how white text looks on a background with the Hex color 9C83F3.

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](#).

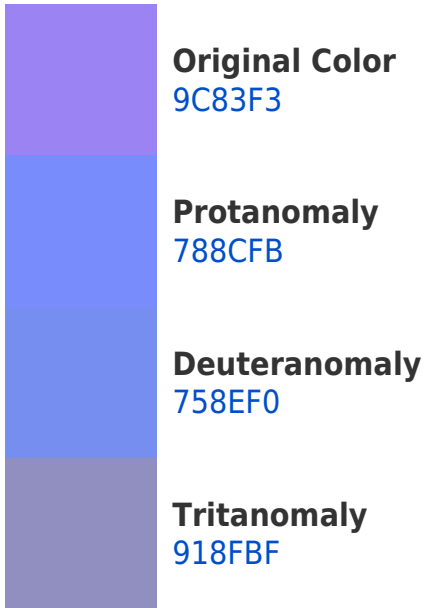
Dichromacy



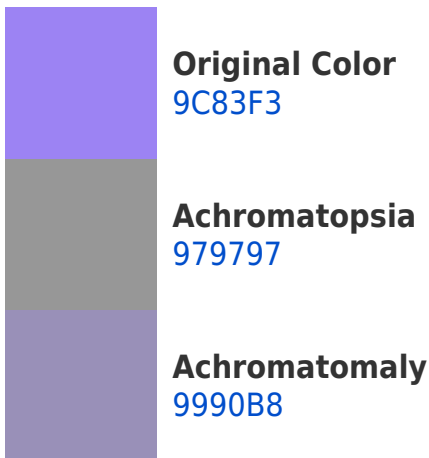


Tritanopia
8A96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C83F3 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 #9C83F3 looks like.

```
.text, #text, p{  
    color:#9C83F3  
}
```

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 #9C83F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C83F3
}
```

Border

The CSS property to change the border of an element to Hex 9C83F3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

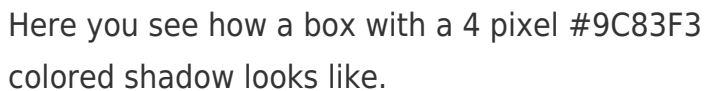
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C83F3 }
```

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

```
.border{ border-color:#9C83F3 }
```

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



Here you see how a box with a 4 pixel #9C83F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C83F3; -webkit-box-shadow:4px 4px  
4px 4px #9C83F3; box-shadow:4px 4px 4px  
4px #9C83F3 }
```

Background

The CSS property to change the background color of an element to Hex 9C83F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C83F3 }
```

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

```
.background{ background-color:#9C83F3 }
```

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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