

Converting Colors

Hex(9883F3)

Have a look what the booklet for
Hex(9883F3) contains.

Hex(9883F3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9883F3)

Conversions

Conversions Part 1

Format	Color
Hex	9883F3
RGB	152, 131, 243
RGB Percent	60%, 51%, 95%
CMY	0.4039, 0.4863, 0.0471
CMYK	0.37, 0.46, 0.00, 0.05
HSL	251°, 82%, 73%
HSV	251°, 46%, 95%
XYZ	37.2429, 29.3791, 88.5018
YIQ	150.0470, -23.4360, 39.2840

Conversions

Conversions Part 2

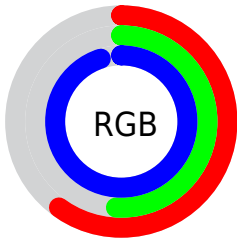
Format	Color
R _Y B	152, 131, 243
Decimal	9995251
CIE Lab	61.11, 33.49, -53.69
CIE LCh	61, 63.281, 301.952
Yxy	29.3791, 0.2401, 0.1894
Android (android.graphics.Color)	4288185331 (0xFF9883F3)
YUV	150.0470, 45.8258, 1.7128
Hunter-Lab	54.2025, 27.7942, -58.8671

Details

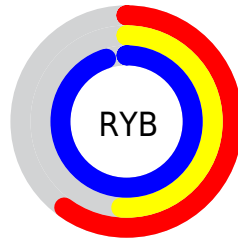
The Hex color **9883F3** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DEF383**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D1B8FF**, and **6051BA** is the 20% darker color. If you saturate the color by 10%, you get **846BF3**, and if you desaturate by 10%, it is **AC9BF3**.

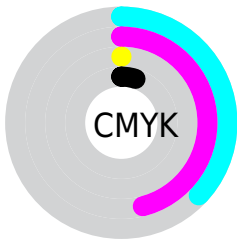
Distribution



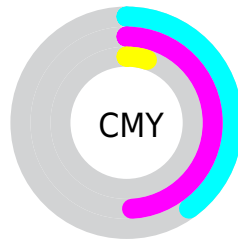
- Red (60%)
- Green (51%)
- Blue (95%)



- Red (60%)
- Yellow (51%)
- Blue (95%)



- Cyan (37%)
- Magenta (46%)
- Yellow (0%)
- Black (5%)



- Cyan (40%)
- Magenta (49%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9883F3 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 9883F3 by changing the saturation by 10% instead.

 9883F3

 9883F3

FFFFFF

 7C6AD6

 D1B8FF

 6051BA

 EFD4FF

 433A9F

 FFF1FF

 242484

 000F6A

 000051

 000539

 000223

 000009

9883F3

9883F3

846BF3

AC9BF3

7152F3

BFB4F3

5D3AF3

D3CCF3

4922F3

E7E4F3

3509F3

FBFCF3

2E00F3

FFFFF3

Harmonies

Analogous

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



0099FF



9883F3



DA6AC9

Triad

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



9883F3



D87D2D



00AE96

Complementary

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



9883F3



DEF383

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.



00AA5C



9883F3



AC920D

Square

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



9883F3



F3665C



73A12A



00ADCD

Rectangle

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



9883F3



F05EA5



73A12A



00AD82

Sweetspot

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



9883F3



E2DBFF



83DEF3



6E6A80



000000



808080

Same Dimension

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



9883F3



8D73FF



D083F3



706E7A



2300BA



0B003B

Inverse Universe

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



F383DE



FF73E5



A6F383



7A6E78



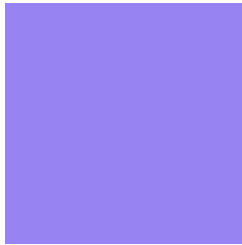
BA0097



3B0030

Previews

White Background



This preview shows how the Hex color 9883F3 looks on a white background.

Color Contrast Check

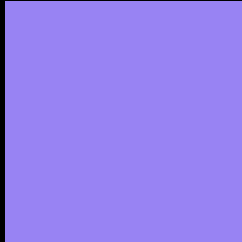
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 9883F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

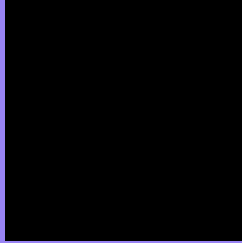
Any Text WCAG AA ✓ Pass

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 9883F3 Background



This preview shows how black text looks on a background with the Hex color 9883F3.

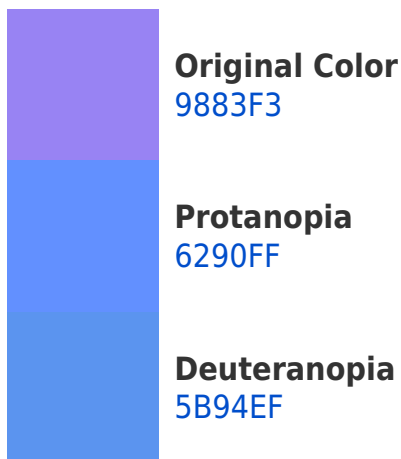


This preview shows how white text looks on a background with the Hex color 9883F3.

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](#).

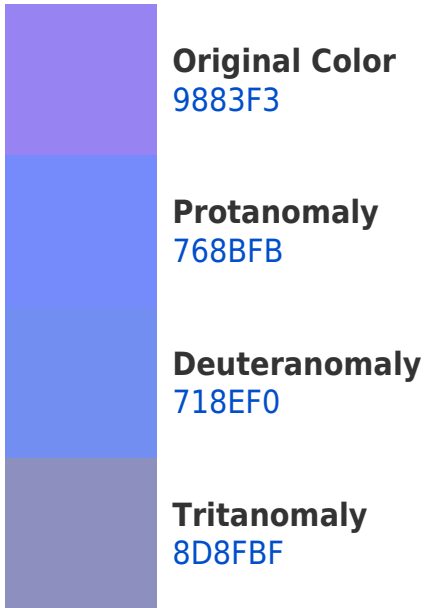
Dichromacy



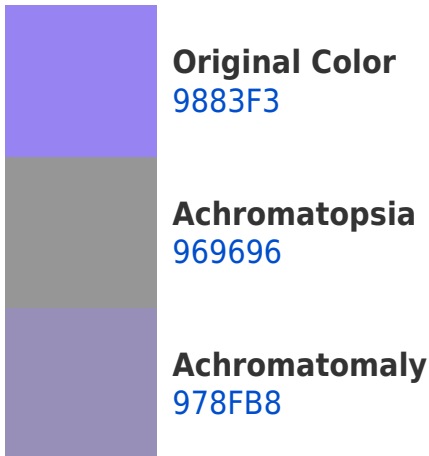


Tritanopia
8696A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9883F3 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 #9883F3 looks like.

```
.text, #text, p{  
    color:#9883F3  
}
```

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 #9883F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9883F3
}
```

Border

The CSS property to change the border of an element to Hex 9883F3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

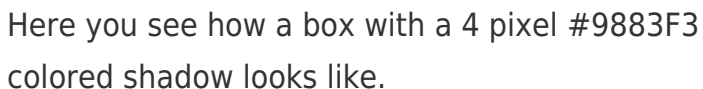
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9883F3 }
```

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

```
.border{ border-color:#9883F3 }
```

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



Here you see how a box with a 4 pixel #9883F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9883F3; -webkit-box-shadow:4px 4px  
4px 4px #9883F3; box-shadow:4px 4px 4px  
4px #9883F3 }
```

Background

The CSS property to change the background color of an element to Hex 9883F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9883F3 }
```

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

```
.background{ background-color:#9883F3 }
```

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