

Converting Colors

Hex(9983F5)

Have a look what the booklet for
Hex(9983F5) contains.

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Color

Hex(9983F5)

Conversions

Conversions Part 1

Format	Color
Hex	9983F5
RGB	153, 131, 245
RGB Percent	60%, 51%, 96%
CMY	0.4000, 0.4863, 0.0392
CMYK	0.38, 0.47, 0.00, 0.04
HSL	252°, 85%, 74%
HSV	252°, 47%, 96%
XYZ	37.7346, 29.5975, 90.1103
YIQ	150.5740, -23.4820, 40.1180

Conversions

Conversions Part 2

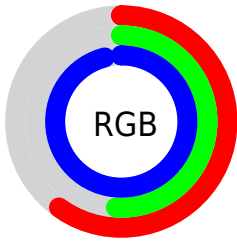
Format	Color
R_{YB}	153, 131, 245
Decimal	10060789
CIE _{Lab}	61.31, 34.27, -54.49
CIE _{LCh}	61, 64.370, 302.168
Yxy	29.5975, 0.2397, 0.1880
Android (android.graphics.Color)	4288250869 (0xFF9983F5)
YUV	150.5740, 46.5520, 2.1276
Hunter-Lab	54.4036, 28.6023, -60.1213

Details

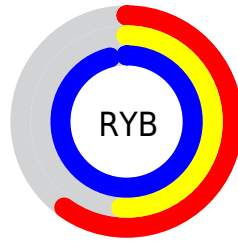
The Hex color **9983F5** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DF583**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D3B8FF**, and **6151BC** is the 20% darker color. If you saturate the color by 10%, you get **856AF5**, and if you desaturate by 10%, it is **AD9BF5**.

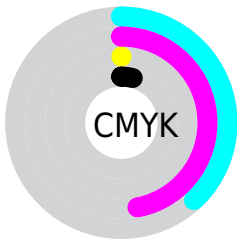
Distribution



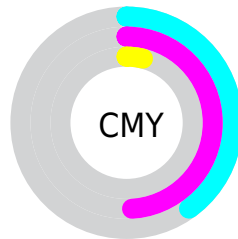
- Red (60%)
- Green (51%)
- Blue (96%)



- Red (60%)
- Yellow (51%)
- Blue (96%)



- Cyan (38%)
- Magenta (47%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (49%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9983F5 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 9983F5 by changing the saturation by 10% instead.

 9983F5

 9983F5

FFFFFF

 7D6AD8

 D3B8FF

 6151BC

 F0D4FF

 443AA1

 FFF1FF

 242386

 000E6C

 000053

 00063B

 000224


 00000C

 9983F5

 9983F5

 856AF5

 AD9BF5

 7152F5

 C1B4F5

 5E39F5

 D4CCF5

 4A21F5

 E8E5F5

 3608F5

 FCFEF5

 2F00F5

 FFFFF5

Harmonies

Analogous

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



0099FF



9983F5



DC69CA

Triad

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



9983F5



D97D2B



00AF97

Complementary

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



9983F5



DFF583

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.



00AB5C



9983F5



AC9307

Square

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



9983F5



F5655B



73A228



00AECF

Rectangle

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



9983F5



F25DA5



73A228



00AE83

Sweetspot

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



9983F5



E2DBFF



83E0F5



6E6A80



000000



808080

Same Dimension

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



9983F5



8C70FF



D183F5



716E7A



2400BA



0B003B

Inverse Universe

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



F583DF



FF70E3



A7F583



7A6E78



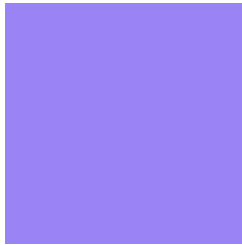
BA0096



3B002F

Previews

White Background



This preview shows how the Hex color 9983F5 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

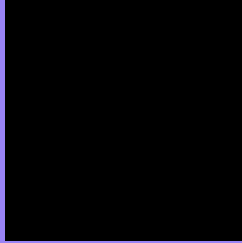
Any Text WCAG AA ✓ Pass

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 9983F5 Background



This preview shows how black text looks on a background with the Hex color 9983F5.

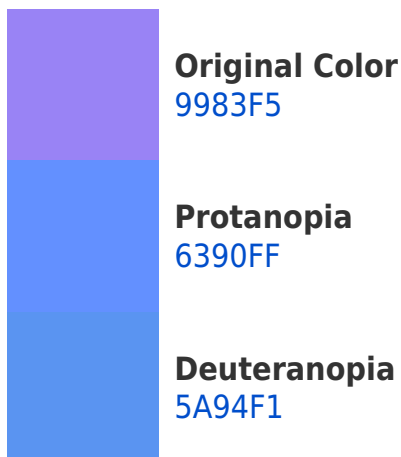


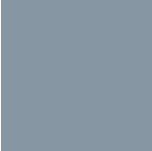
This preview shows how white text looks on a background with the Hex color 9983F5.

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](#).

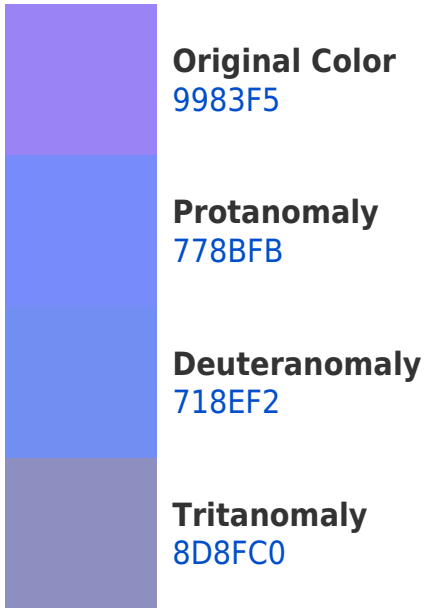
Dichromacy



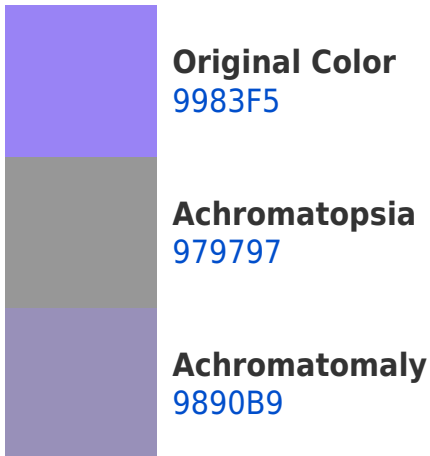


Tritanopia
8696A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9983F5 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 #9983F5 looks like.

```
.text, #text, p{  
    color:#9983F5  
}
```

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 #9983F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9983F5
}
```

Border

The CSS property to change the border of an element to Hex 9983F5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

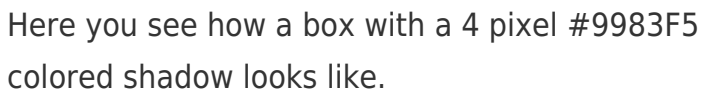
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9983F5 }
```

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

```
.border{ border-color:#9983F5 }
```

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



Here you see how a box with a 4 pixel #9983F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9983F5; -webkit-box-shadow:4px 4px  
4px 4px #9983F5; box-shadow:4px 4px 4px  
4px #9983F5 }
```

Background

The CSS property to change the background color of an element to Hex 9983F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9983F5 }
```

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

```
.background{ background-color:#9983F5 }
```

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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