

Converting Colors

Hex(99A7F9)

Have a look what the booklet for
Hex(99A7F9) contains.

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Color

Hex(99A7F9)

Conversions

Conversions Part 1

Format	Color
Hex	99A7F9
RGB	153, 167, 249
RGB Percent	60%, 65%, 98%
CMY	0.4000, 0.3451, 0.0235
CMYK	0.39, 0.33, 0.00, 0.02
HSL	231°, 89%, 79%
HSV	231°, 39%, 98%
XYZ	44.0545, 41.2493, 95.2625
YIQ	172.1620, -34.6660, 22.5340

Conversions

Conversions Part 2

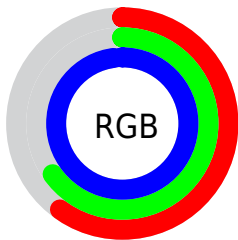
Format	Color
RYB	153, 165, 249
Decimal	10070009
CIELab	70.35, 14.75, -42.41
CIELCh	70, 44.899, 289.179
Yxy	41.2493, 0.2440, 0.2284
Android (android.graphics.Color)	4288260089 (0xFF99A7F9)
YUV	172.1620, 37.8811, -16.8051
Hunter-Lab	64.2256, 10.0442, -42.9839

Details

The Hex color **99A7F9** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F9EB99**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **D2DEFF**, and **6273C0** is the 20% darker color. If you saturate the color by 10%, you get **8092F9**, and if you desaturate by 10%, it is **B2BCF9**.

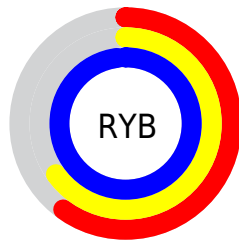
Distribution



Red (60%)

Green (65%)

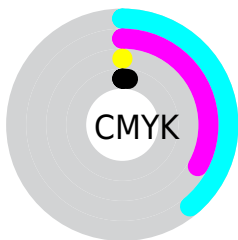
Blue (98%)



Red (60%)

Yellow (65%)

Blue (98%)

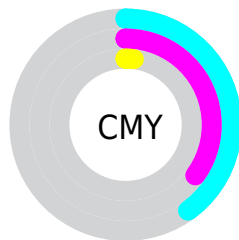


Cyan (39%)

Magenta (33%)

Yellow (0%)

Black (2%)



Cyan (40%)

Magenta (35%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99A7F9 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 99A7F9 by changing the saturation by 10% instead.

 99A7F9

 99A7F9

FFFFFF

 7D8DDC

 D2DEFF

 6273C0

 EFFAFF

 465BA5

 28448A

 002E70

 001A57

 000040

 000329

 000113

■ 99A7F9

■ 99A7F9

■ 8092F9

■ B2BCF9

■ 677CF9

■ CBD2F9

■ 4E67F9

■ E4E7F9

■ 3552F9

■ FDFCF9

■ 1D3DF9

■ FFFFF9

■ 0427F9

■ 0024F9

Harmonies

Analogous

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



48B5FC



99A7F9



D098E2

Triad

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



99A7F9



EE9670



3EC09B

Complementary

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



99A7F9



F9EB99

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.



7DBB75



99A7F9



D2A55B

Square

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



99A7F9



FA8C93



ABB25D



00C1C5

Rectangle

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



99A7F9



E98FCA



ABB25D



56BF8E

Sweetspot

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



99A7F9



E0E5FF



99F9EB



6E7080



000000



808080

Same Dimension

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



99A7F9



8A9BFF



BB99F9



70727D



001CBD



00093D

Inverse Universe

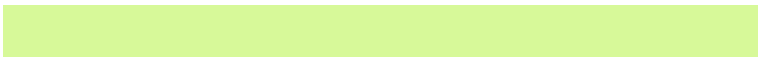
The Inverse Universe completely reimagines the original color for something new.



F999A7



FF8A9B



D7F999



7D7072



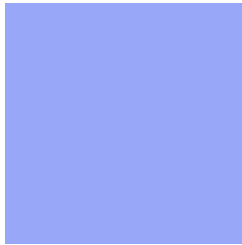
BD001C



3D0009

Previews

White Background



This preview shows how the Hex color 99A7F9 looks on a white background.

Color Contrast Check

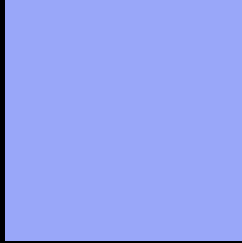
Large Text (above 18pt) WCAG AA × Fail

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 99A7F9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

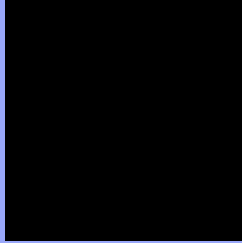
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 99A7F9 Background



This preview shows how black text looks on a background with the Hex color 99A7F9.



This preview shows how white text looks on a background with the Hex color 99A7F9.

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](#).

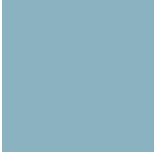
Dichromacy



Original Color
99A7F9

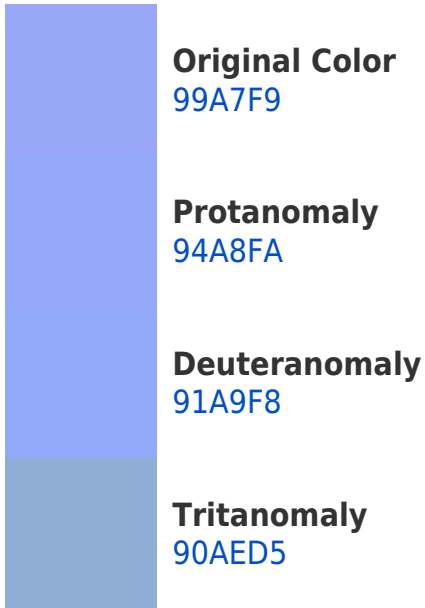
Protanopia
91A9FB

Deuteranopia
8DAAF8

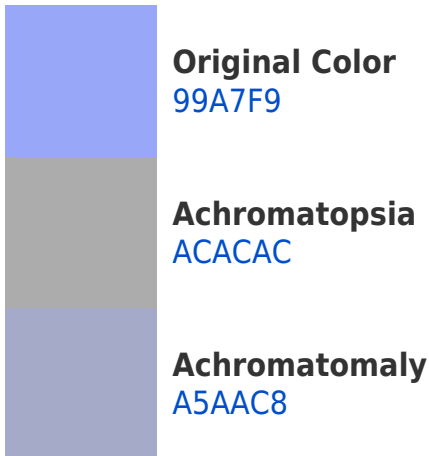


Tritanopia
8BB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99A7F9 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 #99A7F9 looks like.

```
.text, #text, p{  
    color:#99A7F9  
}
```

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 #99A7F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99A7F9
}
```

Border

The CSS property to change the border of an element to Hex 99A7F9 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
#99A7F9 }
```

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

```
.border{ border-color:#99A7F9 }
```

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

Here you see how a box with a 4 pixel #99A7F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99A7F9; -webkit-box-shadow:4px 4px  
4px 4px #99A7F9; box-shadow:4px 4px 4px  
4px #99A7F9 }
```

Background

The CSS property to change the background color of an element to Hex 99A7F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99A7F9 }
```

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

```
.background{ background-color:#99A7F9 }
```

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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