

# Converting Colors

Hex(119AFA)

Have a look what the booklet for  
Hex(119AFA) contains.

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# **Color**

**Hex(119AFA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	119AFA
RGB	17, 154, 250
RGB Percent	7%, 60%, 98%
CMY	0.9333, 0.3961, 0.0196
CMYK	0.93, 0.38, 0.00, 0.02
HSL	205°, 96%, 52%
HSV	205°, 93%, 98%
XYZ	29.0421, 30.1325, 94.7280
YIQ	123.9810, -112.4680, 0.8120

# Conversions

## Conversions Part 2

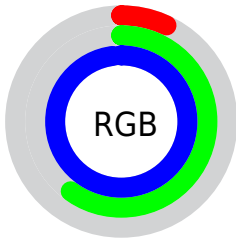
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	17, 103, 250
Decimal	1153786
CIE Lab	61.77, 1.56, -56.84
CIE LCh	62, 56.866, 271.573
Yxy	30.1325, 0.1887, 0.1958
Android (android.graphics.Color)	4279343866 (0xFF119AFA)
YUV	123.9810, 62.1274, -93.8223
Hunter-Lab	54.8931, -1.6245, -63.8905

# Details

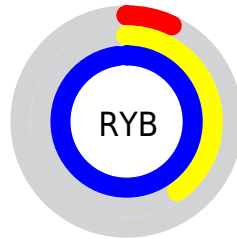
The Hex color **119AFA** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **FA7111**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **72D0FF**, and **0068C1** is the 20% darker color. If you saturate the color by 10%, you get **0093FA**, and if you desaturate by 10%, it is **2AA4FA**.

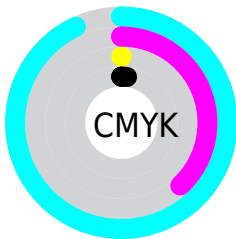
# Distribution



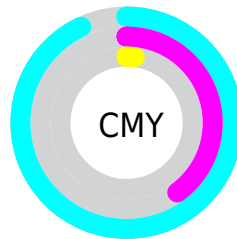
- Red (7%)
- Green (60%)
- Blue (98%)



- Red (7%)
- Yellow (40%)
- Blue (98%)



- Cyan (93%)
- Magenta (38%)
- Yellow (0%)
- Black (2%)




- Cyan (93%)
- Magenta (40%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 119AFA 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 119AFA by changing the saturation by 10% instead.



 119AFA

 119AFA


FFFFFF

 0080DD

 72D0FF

 0068C1

 93ECFF

 0050A5

 B3FFFF

 003A8A

 D3FFFF

 002670

 F3FFFF

 001057

 00063F

 000328

 000112

■ 119AFA

■ 119AFA

■ 0093FA

■ 2AA4FA

■ 43AFFA

■ 5CB9FA

■ 75C3FA

■ 8ECEFA

■ A7D8FA

■ C0E2FA

■ D9ECFA

■ F2F7FA

# Harmonies

## Analogous

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



00A7ED



119AFA



9A87EB

# Triad

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



119AFA



EE6E63



2CAA63

# Complementary

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



119AFA



FA7111

# 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.



7AA239



119AFA



D5813B

# Square

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



119AFA



EF6795



AE9427



00AD96

# Rectangle

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



119AFA



C578D4



AE9427



4EA853

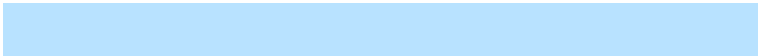


# Sweetspot

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



119AFA



B8E2FF



11FA6E



546E80



000000



808080



# Same Dimension

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



119AFA



0096FF



1128FA



70787D



006FBD



00243D



# Inverse Universe

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



FA119A



FF0096



FAE311



7D7078



BD006F

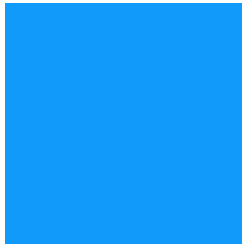


3D0024



# Previews

## White Background



This preview shows how the Hex color 119AFA looks on a white background.

## Color Contrast Check

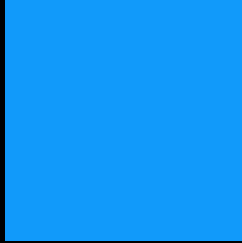
Large Text (above 18pt) WCAG AA × Fail

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 119AFA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

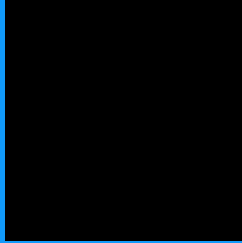
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

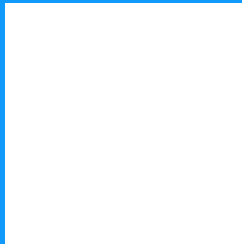
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 119AFA Background



This preview shows how black text looks on a background with the Hex color 119AFA.

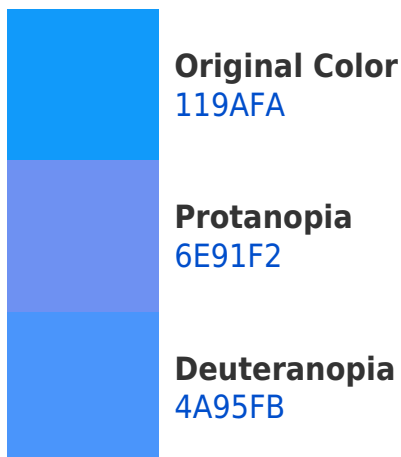


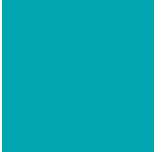
This preview shows how white text looks on a background with the Hex color 119AFA.

# 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](#).

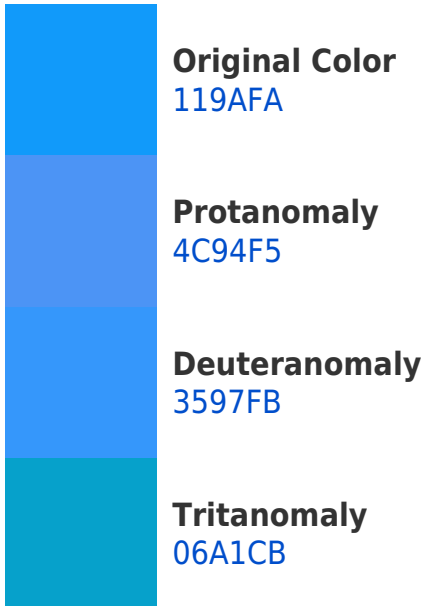
## Dichromacy



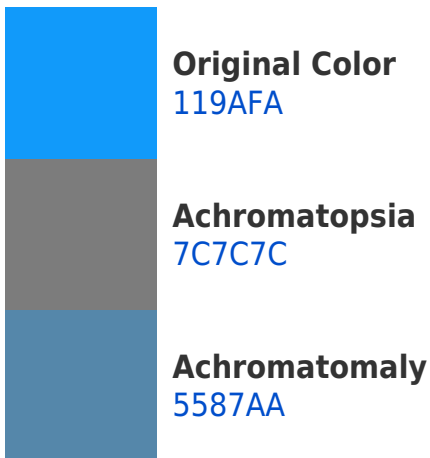


**Tritanopia**  
00A5B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 119AFA 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 #119AFA looks like.

```
.text, #text, p{  
    color:#119AFA  
}
```

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 #119AFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #119AFA
}
```

## Border

The CSS property to change the border of an element to Hex 119AFA 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
#119AFA }
```

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

```
.border{ border-color:#119AFA }
```

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

Here you see how a box with a 4 pixel #119AFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #119AFA; -webkit-box-shadow:4px 4px  
4px 4px #119AFA; box-shadow:4px 4px 4px  
4px #119AFA }
```

# Background

The CSS property to change the background color of an element to Hex 119AFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#119AFA }
```

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

```
.background{ background-color:#119AFA }
```

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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