

# Converting Colors

Hex(A539FB)

Have a look what the booklet for  
Hex(A539FB) contains.

<b>Hex(A539FB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A539FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A539FB
RGB	165, 57, 251
RGB Percent	65%, 22%, 98%
CMY	0.3529, 0.7765, 0.0157
CMYK	0.34, 0.77, 0.00, 0.02
HSL	273°, 96%, 60%
HSV	273°, 77%, 98%
XYZ	34.3928, 17.8906, 92.9073
YIQ	111.4080, 2.0940, 83.2300

# Conversions

## Conversions Part 2

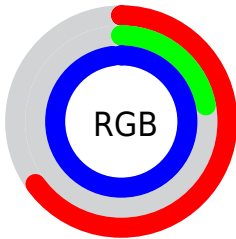
Format	Color
R <sub>Y</sub> B	165, 57, 251
Decimal	10828283
CIE Lab	49.36, 74.56, -77.00
CIE LCh	49, 107.184, 314.077
Yxy	17.8906, 0.2369, 0.1232
Android (android.graphics.Color)	4289018363 (0xFFA539FB)
YUV	111.4080, 68.8189, 47.0002
Hunter-Lab	42.2973, 71.1215, -100.6242

# Details

The Hex color **A539FB** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **8FFB39**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **E273FF**, and **6800C1** is the 20% darker color. If you saturate the color by 10%, you get **9A20FB**, and if you desaturate by 10%, it is **B052FB**.

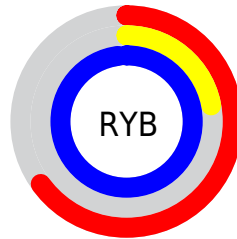
# Distribution



Red (65%)

Green (22%)

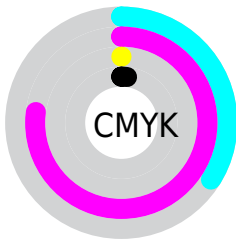
Blue (98%)



Red (65%)

Yellow (22%)

Blue (98%)

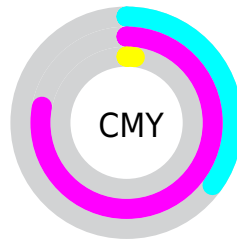


Cyan (34%)

Magenta (77%)

Yellow (0%)

Black (2%)



Cyan (35%)

Magenta (78%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A539FB 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 A539FB by changing the saturation by 10% instead.



 A539FB

 A539FB

FFFFFF

 8713DE

 E273FF

 6800C1

 FF90FF

 4900A5

 FFACFF

 24008A

 FFC9FF

 000070

 FFE7FF

 000056

 00063D

 000327

 000110

 A539FB

 A539FB

 9A20FB

 B052FB

 8F07FB

 BB6BFB

 8C00FB

 C684FB

 D29DFB

 DDB7FB

 E8D0FB

 F3E9FB

 FEFFFF

 FFFFFB

# Harmonies

## Analogous

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



0075FF



A539FB



F700AA

# Triad

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



A539FB



B65F00



0097A0

# Complementary

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



A539FB



8FFB39

# 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.



00943F



A539FB



677F00

# Square

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



A539FB



EE0000



008E00



0097F5

# Rectangle

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



A539FB



FF006E



008E00



009680



# Sweetspot

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



A539FB



E5C4FF



3990FB



705C80



000000



808080



# Same Dimension

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



A539FB



9612FF



FB39F1



77707D



6900BD



22003D



# Inverse Universe

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



FB398F



FF127B



39FB43



7D7076



BD0054

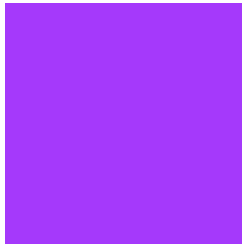


3D001B



# Previews

## White Background



This preview shows how the Hex color A539FB looks on a white background.

## Color Contrast Check

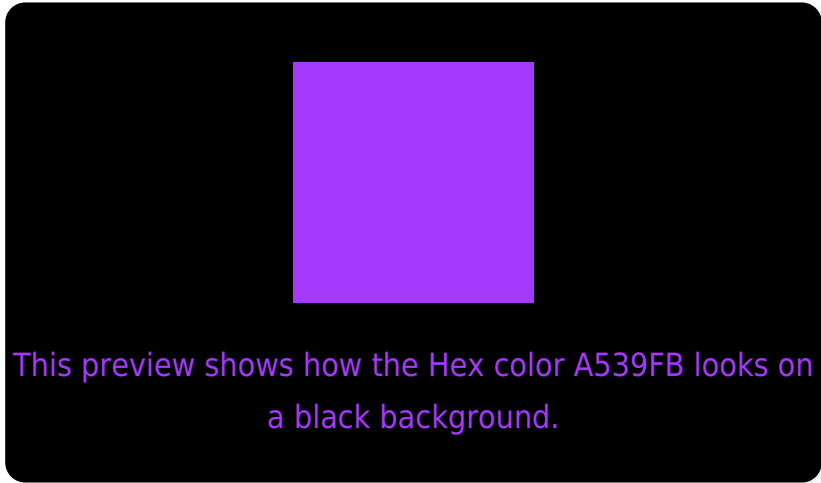
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

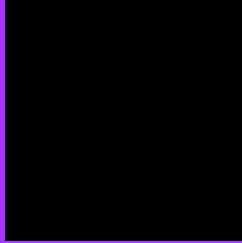
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A539FB Background



This preview shows how black text looks on a background with the Hex color A539FB.

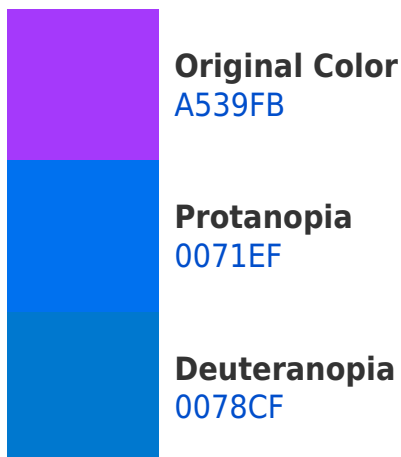



This preview shows how white text looks on a background with the Hex color A539FB.

# 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](#).

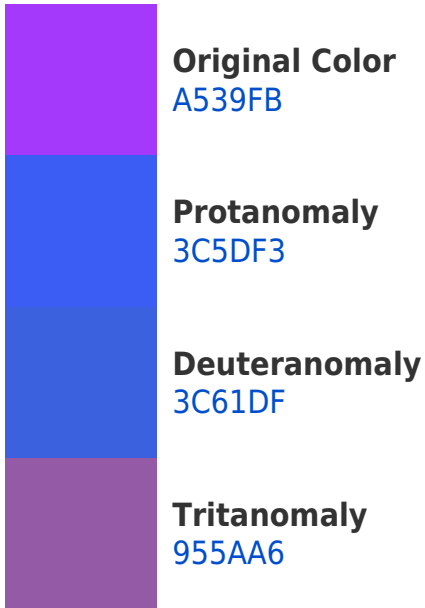
## Dichromacy



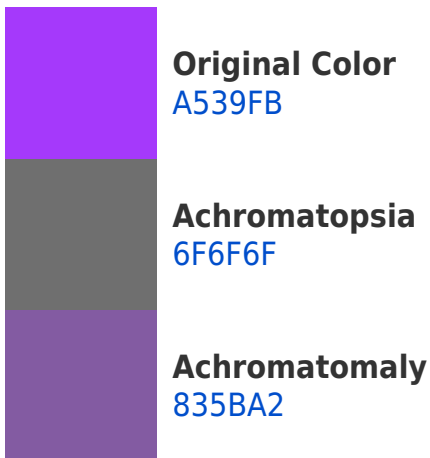


**Tritanopia**  
8C6D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A539FB 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 #A539FB looks like.

```
.text, #text, p{  
    color:#A539FB  
}
```

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 #A539FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A539FB
}
```

## Border

The CSS property to change the border of an element to Hex A539FB is called "border". The border property can be set on classes, ids or directly on the HTML element.

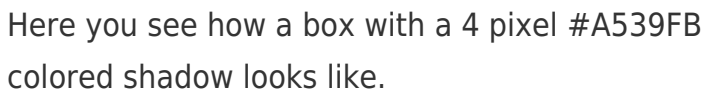
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A539FB }
```

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

```
.border{ border-color:#A539FB }
```

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



Here you see how a box with a 4 pixel #A539FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A539FB; -webkit-box-shadow:4px 4px  
4px 4px #A539FB; box-shadow:4px 4px 4px  
4px #A539FB }
```

# Background

The CSS property to change the background color of an element to Hex A539FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A539FB }
```

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

```
.background{ background-color:#A539FB }
```

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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