

Converting Colors

Hex(AF51F9)

Have a look what the booklet for
Hex(AF51F9) contains.

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Color

Hex(AF51F9)

Conversions

Conversions Part 1

Format	Color
Hex	AF51F9
RGB	175, 81, 249
RGB Percent	69%, 32%, 98%
CMY	0.3137, 0.6824, 0.0235
CMYK	0.30, 0.67, 0.00, 0.02
HSL	274°, 93%, 65%
HSV	274°, 67%, 98%
XYZ	37.7205, 21.8384, 91.8497
YIQ	128.2580, 2.0960, 72.1760

Conversions

Conversions Part 2

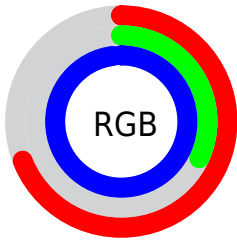
Format	Color
R _Y B	175, 81, 249
Decimal	11489785
CIE Lab	53.86, 66.34, -68.53
CIE LCh	54, 95.382, 314.067
Yxy	21.8384, 0.2491, 0.1442
Android (android.graphics.Color)	4289679865 (0xFFAF51F9)
YUV	128.2580, 59.5258, 40.9927
Hunter-Lab	46.7315, 62.3004, -83.8209

Details

The Hex color **AF51F9** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **9BF951**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **EB88FF**, and **7412BF** is the 20% darker color. If you saturate the color by 10%, you get **A438F9**, and if you desaturate by 10%, it is **BA6AF9**.

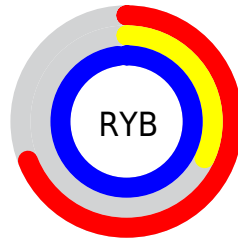
Distribution



Red (69%)

Green (32%)

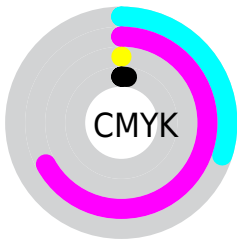
Blue (98%)



Red (69%)

Yellow (32%)

Blue (98%)

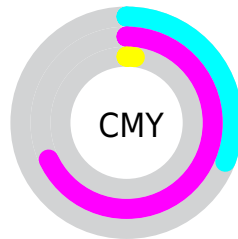


Cyan (30%)

Magenta (67%)

Yellow (0%)

Black (2%)



Cyan (31%)

Magenta (68%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF51F9 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 AF51F9 by changing the saturation by 10% instead.

 AF51F9

 AF51F9

FFFFFF

 9234DC

 EB88FF

 7412BF

 FFA4FF

 5700A4

 FFC1FF

 380089

 FFDEFF

 12006E

 FFFBFF

 000055

 00063C

 000226

 00010F

 AF51F9

 AF51F9

 A438F9

 BA6AF9

 991FF9

 C583F9

 8E06F9

 D09CF9

 8B00F9

 DBB5F9

 E6CEF9

 F1E6F9

 FCFFF9

 FFFFF9

Harmonies

Analogous

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



007FFF



AF51F9



F900B0

Triad

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



AF51F9



C06C00



00A2A7

Complementary

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



AF51F9



9BF951

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.



009F50



AF51F9



7A8900

Square

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



AF51F9



F33700



009800



00A0F3

Rectangle

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



AF51F9



FF007A



009800



00A18A

Sweetspot

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



AF51F9



E9CCFF



519DF9



726180



000000



808080

Same Dimension

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



AF51F9



A430FF



F951F1



77707D



6A00BD



22003D

Inverse Universe

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



F9519B



FF308B



51F959



7D7076



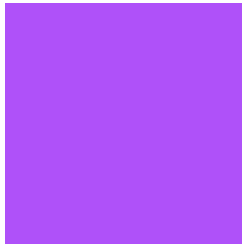
BD0053



3D001B

Previews

White Background



This preview shows how the Hex color AF51F9 looks on a white background.

Color Contrast Check

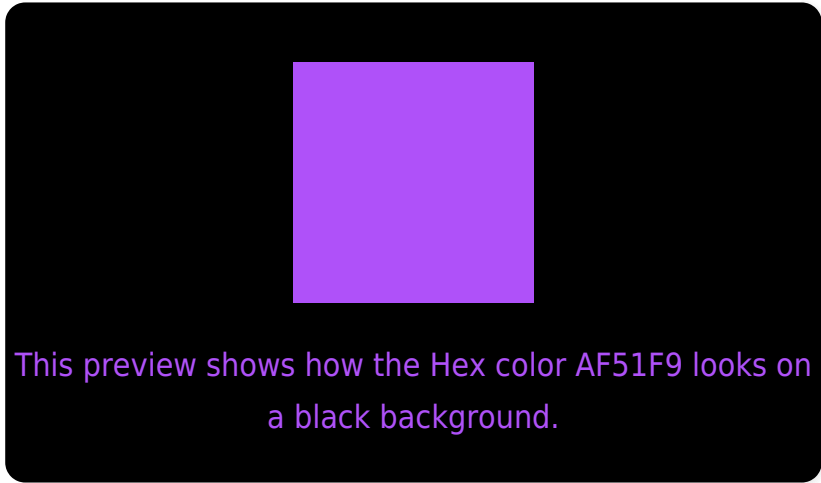
Large Text (above 18pt) WCAG AA ✓ Pass

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

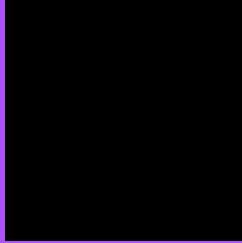
Any Text WCAG AA ✓ Pass

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 AF51F9 Background



This preview shows how black text looks on a background with the Hex color AF51F9.

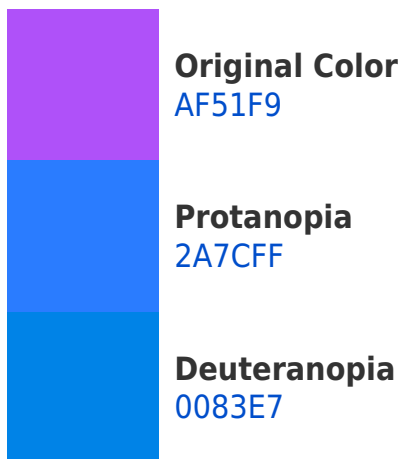


This preview shows how white text looks on a background with the Hex color AF51F9.

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](#).

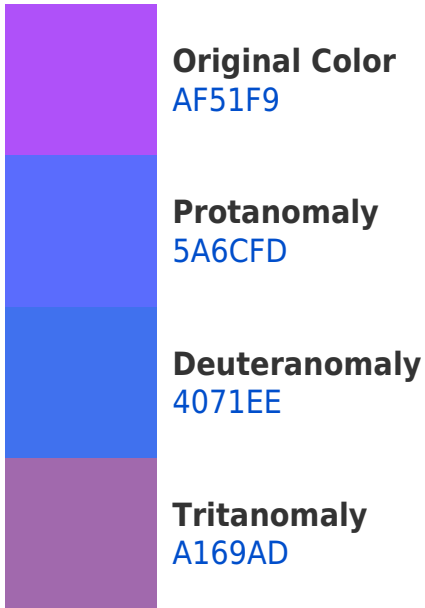
Dichromacy



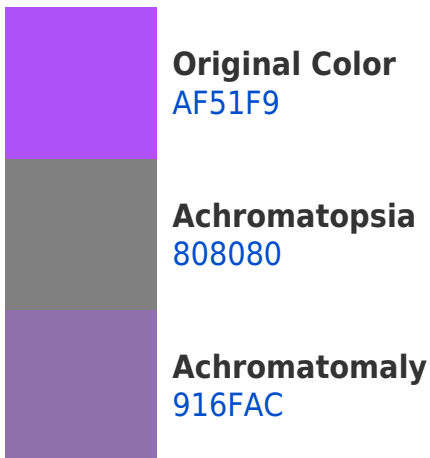


Tritanopia
997781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF51F9 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 #AF51F9 looks like.

```
.text, #text, p{  
    color:#AF51F9  
}
```

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 #AF51F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF51F9
}
```

Border

The CSS property to change the border of an element to Hex AF51F9 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
#AF51F9 }
```

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

```
.border{ border-color:#AF51F9 }
```

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

Here you see how a box with a 4 pixel #AF51F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF51F9; -webkit-box-shadow:4px 4px  
4px 4px #AF51F9; box-shadow:4px 4px 4px  
4px #AF51F9 }
```

Background

The CSS property to change the background color of an element to Hex AF51F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF51F9 }
```

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

```
.background{ background-color:#AF51F9 }
```

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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