

Converting Colors

Hex(AF5FF9)

Have a look what the booklet for
Hex(AF5FF9) contains.

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Color

Hex(AF5FF9)

Conversions

Conversions Part 1

Format	Color
Hex	AF5FF9
RGB	175, 95, 249
RGB Percent	69%, 37%, 98%
CMY	0.3137, 0.6275, 0.0235
CMYK	0.30, 0.62, 0.00, 0.02
HSL	271°, 93%, 67%
HSV	271°, 62%, 98%
XYZ	38.8703, 24.1379, 92.2329
YIQ	136.4760, -1.7540, 64.8540

Conversions

Conversions Part 2

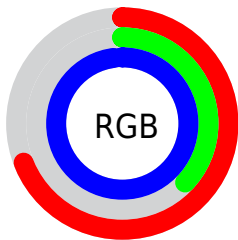
Format	Color
R _Y B	175, 95, 249
Decimal	11493369
CIE _{Lab}	56.23, 59.82, -64.71
CIE _{LCh}	56, 88.121, 312.749
Y _{xy}	24.1379, 0.2504, 0.1555
Android (android.graphics.Color)	4289683449 (0xFFAF5FF9)
YUV	136.4760, 55.4743, 33.7855
Hunter-Lab	49.1304, 55.2450, -76.9144

Details

The Hex color **AF5FF9** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **A9F95F**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **EA95FF**, and **7529C0** is the 20% darker color. If you saturate the color by 10%, you get **A346F9**, and if you desaturate by 10%, it is **BB78F9**.

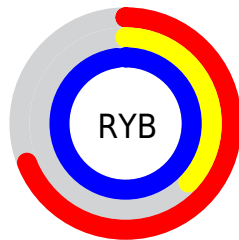
Distribution



Red (69%)

Green (37%)

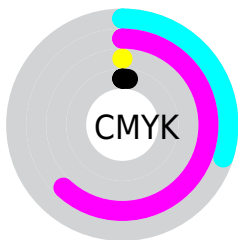
Blue (98%)



Red (69%)

Yellow (37%)

Blue (98%)

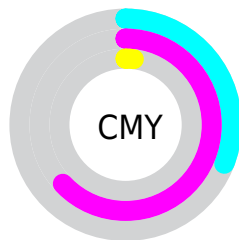


Cyan (30%)

Magenta (62%)

Yellow (0%)

Black (2%)



Cyan (31%)

Magenta (63%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF5FF9 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 AF5FF9 by changing the saturation by 10% instead.

 AF5FF9

 AF5FF9

FFFFFF

 9244DC

 EA95FF

 7529C0

 FFB1FF

 5803A4

 FFCDFE

 3A0089

 FFEAFF

 16006F

 000055

 00063D

 000326

 00010F

■ AF5FF9

■ AF5FF9

■ A346F9

■ BB78F9

■ 972DF9

■ C791F9

■ 8B14F9

■ D3AAF9

■ 8100F9

■ DFC3F9

■ EBDBF9

■ F7F4F9

■ FFFFF9

Harmonies

Analogous

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



0086FF



AF5FF9



F623B6

Triad

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



AF5FF9



C77300



00A7A7

Complementary

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



AF5FF9



A9F95F

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.



00A456



AF5FF9



868E00

Square

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



AF5FF9



F6471D



139D00



00A5EE

Rectangle

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



AF5FF9



FF0083



139D00



00A68C

Sweetspot

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



AF5FF9



E8CFFF



5FA9F9



716280



000000



808080

Same Dimension

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



AF5FF9



A442FF



F95FF6



77707D



6200BD



20003D

Inverse Universe

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



F95FA9



FF429D



5FF962



7D7076



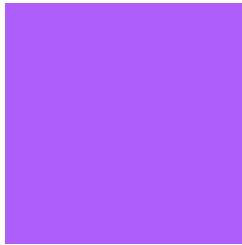
BD005B



3D001D

Previews

White Background



This preview shows how the Hex color AF5FF9 looks on a white background.

Color Contrast Check

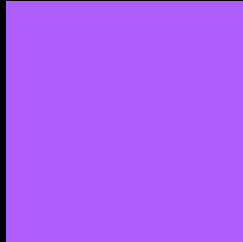
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color AF5FF9 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 × Fail

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

Hex AF5FF9 Background



This preview shows how black text looks on a background with the Hex color AF5FF9.

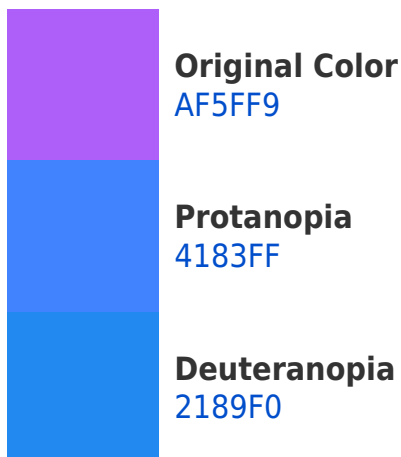


This preview shows how white text looks on a background with the Hex color AF5FF9.

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](#).

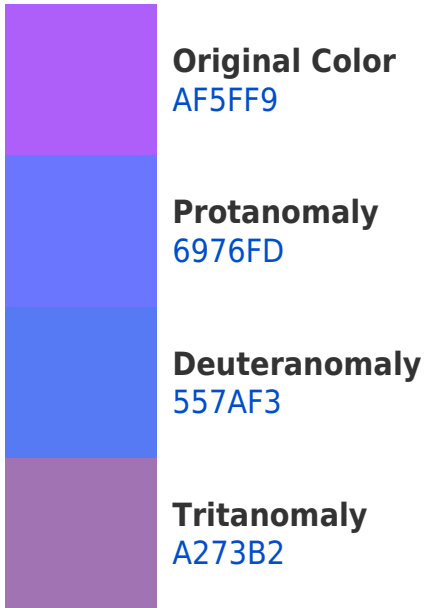
Dichromacy



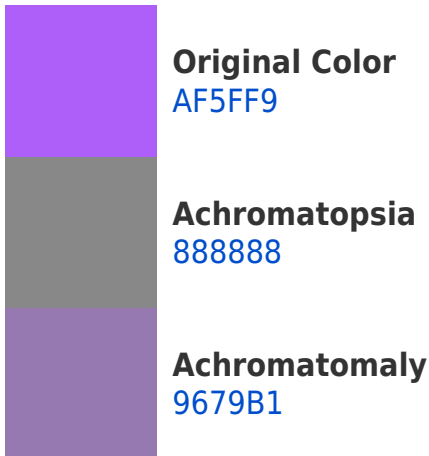


Tritanopia
9B7F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF5FF9 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 #AF5FF9 looks like.

```
.text, #text, p{  
    color:#AF5FF9  
}
```

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 #AF5FF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF5FF9
}
```

Border

The CSS property to change the border of an element to Hex AF5FF9 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
#AF5FF9 }
```

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

```
.border{ border-color:#AF5FF9 }
```

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

Here you see how a box with a 4 pixel #AF5FF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF5FF9; -webkit-box-shadow:4px 4px  
4px 4px #AF5FF9; box-shadow:4px 4px 4px  
4px #AF5FF9 }
```

Background

The CSS property to change the background color of an element to Hex AF5FF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF5FF9 }
```

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

```
.background{ background-color:#AF5FF9 }
```

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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