

# Converting Colors

Hex(8B4AFF)

Have a look what the booklet for  
Hex(8B4AFF) contains.

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# Color

Hex(8B4AFF)

# Conversions

## Conversions Part 1

Format	Color
Hex	8B4AFF
RGB	139, 74, 255
RGB Percent	55%, 29%, 100%
CMY	0.4549, 0.7098, 0.0000
CMYK	0.45, 0.71, 0.00, 0.00
HSL	262°, 100%, 65%
HSV	262°, 71%, 100%
XYZ	31.1462, 17.6065, 96.3646
YIQ	114.0690, -19.3610, 70.0710

# Conversions

## Conversions Part 2

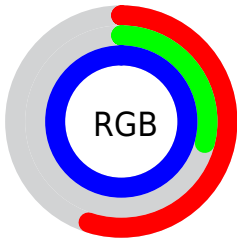
Format	Color
R <sub>Y</sub> B	139, 74, 255
Decimal	9128703
CIE Lab	49.02, 64.48, -79.93
CIE LCh	49, 102.690, 308.893
Yxy	17.6065, 0.2146, 0.1213
Android (android.graphics.Color)	4287318783 (0xFF8B4AFF)
YUV	114.0690, 69.4790, 21.8645
Hunter-Lab	41.9601, 59.0671, -106.7918

# Details

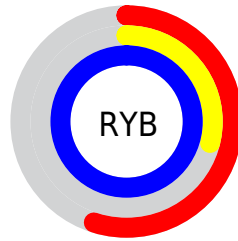
The Hex color **8B4AFF** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **BEFF4A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **C880FF**, and **4B0EC5** is the 20% darker color. If you saturate the color by 10%, you get **7B31FF**, and if you desaturate by 10%, it is **9B64FF**.

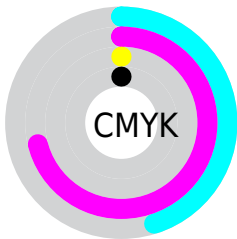
# Distribution



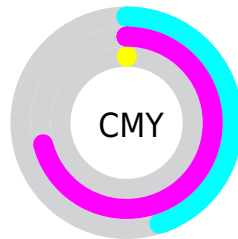
- Red (55%)
- Green (29%)
- Blue (100%)



- Red (55%)
- Yellow (29%)
- Blue (100%)



- Cyan (45%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (71%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B4AFF 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 8B4AFF by changing the saturation by 10% instead.



 8B4AFF

 8B4AFF

FFFFFF

 6C2FE2

 C880FF

 4B0EC5

 E79BFF

 2300A9

 FFB7FF

 00008D

 FFD3FF

 000073

 FFF1FF

 000059

 000741

 00032A

 000114

■ 8B4AFF

■ 8B4AFF

■ 7B31FF

■ 9B64FF

■ 6A17FF

■ AC7DFF

■ 5C00FF

■ BC97FF

■ CCB0FF

■ DDCAFF

■ EDE3FF

■ FDFDFF

FFFFFF

# Harmonies

## Analogous

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



007AFF



8B4AFF



E900B5

# Triad

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



8B4AFF



BE5700



00958D

# Complementary

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



8B4AFF



BEFF4A

# 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.



00922E



8B4AFF



777A00

# Square

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



8B4AFF



F00000



008B00



0095E2

# Rectangle

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



8B4AFF



FF007C



008B00



00946F



# Sweetspot

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



8B4AFF



DDC9FF



4AC0FF



6B6080



000000



808080



# Same Dimension

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



8B4AFF



7426FF



E44AFF



777380



4500BF



170040



# Inverse Universe

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



FF4ABE



FF26B1



65FF4A



80737B



BF007B

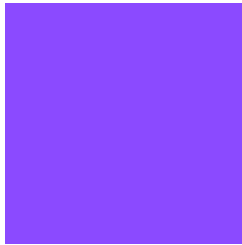


400029



# Previews

## White Background



This preview shows how the Hex color 8B4AFF looks on a white background.

## Color Contrast Check

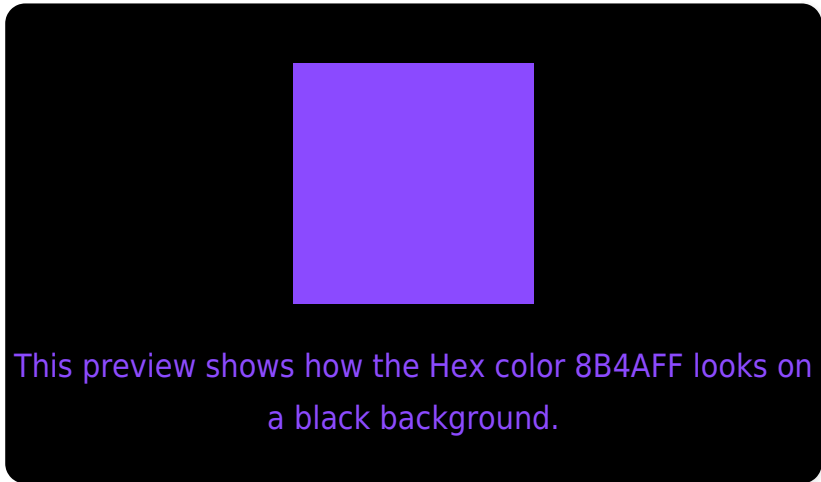
Large Text (above 18pt) WCAG AA ✓ Pass

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

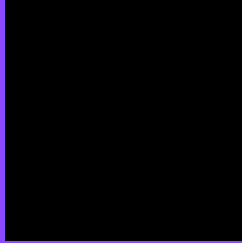
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8B4AFF Background



This preview shows how black text looks on a background with the Hex color 8B4AFF.

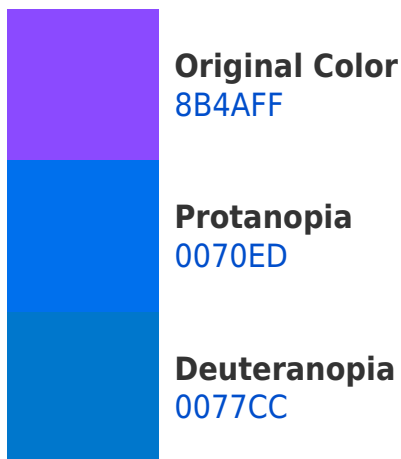


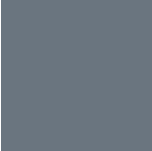
This preview shows how white text looks on a background with the Hex color 8B4AFF.

# 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**  
6A757F

# Trichromacy



**Original Color**  
8B4AFF



**Protanomaly**  
3362F4



**Deuteranomaly**  
3367DF



**Tritanomaly**  
7665AE

# Monochromacy



**Original Color**  
8B4AFF



**Achromatopsia**  
727272



**Achromatomaly**  
7B63A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B4AFF 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 #8B4AFF looks like.

```
.text, #text, p{  
    color:#8B4AFF  
}
```

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 #8B4AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B4AFF
}
```

## Border

The CSS property to change the border of an element to Hex 8B4AFF 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
#8B4AFF }
```

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

```
.border{ border-color:#8B4AFF }
```

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

Here you see how a box with a 4 pixel #8B4AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B4AFF; -webkit-box-shadow:4px 4px  
4px 4px #8B4AFF; box-shadow:4px 4px 4px  
4px #8B4AFF }
```

# Background

The CSS property to change the background color of an element to Hex 8B4AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B4AFF }
```

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

```
.background{ background-color:#8B4AFF }
```

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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