

# Converting Colors

Hex(844AF9)

Have a look what the booklet for  
Hex(844AF9) contains.

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# Color

**Hex(844AF9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	844AF9
RGB	132, 74, 249
RGB Percent	52%, 29%, 98%
CMY	0.4824, 0.7098, 0.0235
CMYK	0.47, 0.70, 0.00, 0.02
HSL	260°, 94%, 63%
HSV	260°, 70%, 98%
XYZ	29.0634, 16.6426, 91.3031
YIQ	111.2920, -21.6070, 66.7210

# Conversions

## Conversions Part 2

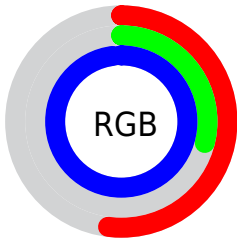
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	132, 74, 249
Decimal	8669945
CIE <sub>Lab</sub>	47.81, 61.82, -78.59
CIE <sub>LCh</sub>	48, 99.991, 308.192
Y <sub>xy</sub>	16.6426, 0.2121, 0.1215
Android (android.graphics.Color)	4286860025 (0xFF844AF9)
Y <sub>UV</sub>	111.2920, 67.8900, 18.1609
Hunter-Lab	40.7954, 55.7747, -104.1386

# Details

The Hex color **844AF9** 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 **BFF94A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **C17FFF**, and **4311BF** is the 20% darker color. If you saturate the color by 10%, you get **7331F9**, and if you desaturate by 10%, it is **9563F9**.

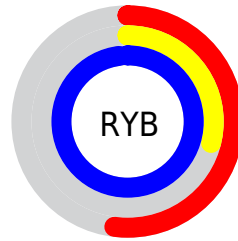
# Distribution



Red (52%)

Green (29%)

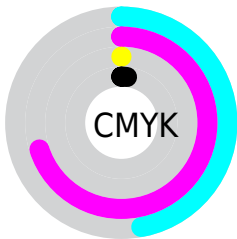
Blue (98%)



Red (52%)

Yellow (29%)

Blue (98%)

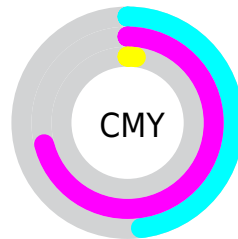


Cyan (47%)

Magenta (70%)

Yellow (0%)

Black (2%)



Cyan (48%)

Magenta (71%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 844AF9 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 844AF9 by changing the saturation by 10% instead.



 844AF9

 844AF9

FFFFFF

 652FDC

 C17FFF

 4311BF

 DF9AFF

 1600A3

 FEB6FF

 000088

 FFD2FF

 00006E

 FFEFFF

 000454

 00063C

 000225

 00010E

 844AF9

 844AF9


 7331F9

 9563F9

 6318F9

 A57CF9

 5300F9

 B695F9

 C7AEF9

 D7C6F9

 E8DFF9

 F9F8F9

 FFFFF9

# Harmonies

## Analogous

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



0077FF



844AF9



E100B2

# Triad

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



844AF9



BA5400



009188

# Complementary

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



844AF9



BFF94A

# 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.



008E2B



844AF9



767600

# Square

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



844AF9



EA0003



008700



0091DA

# Rectangle

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



844AF9



F9007B



008700



00906A



# Sweetspot

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



844AF9



DBC9FF



4AC2F9



6A6080



000000



808080



# Same Dimension

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



844AF9



7029FF



D94AF9



75707D



3F00BD



14003D



# Inverse Universe

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



F94ABF



FF29B8



6AF94A



7D7079



BD007E

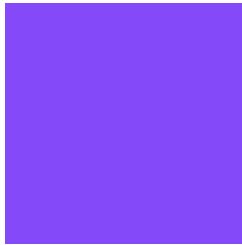


3D0029



# Previews

## White Background



This preview shows how the Hex color 844AF9 looks on a white background.

## Color Contrast Check

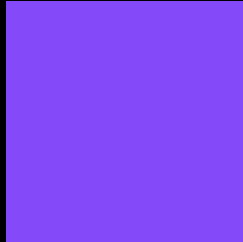
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 844AF9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

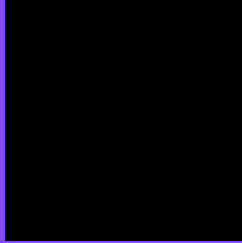
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 844AF9 Background



This preview shows how black text looks on a background with the Hex color 844AF9.



This preview shows how white text looks on a background with the Hex color 844AF9.

# 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](#).

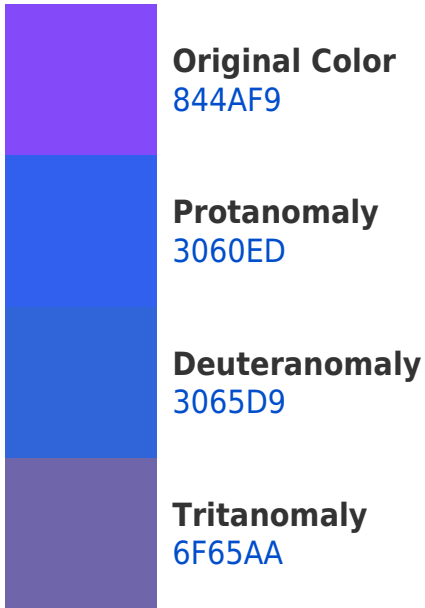
## Dichromacy



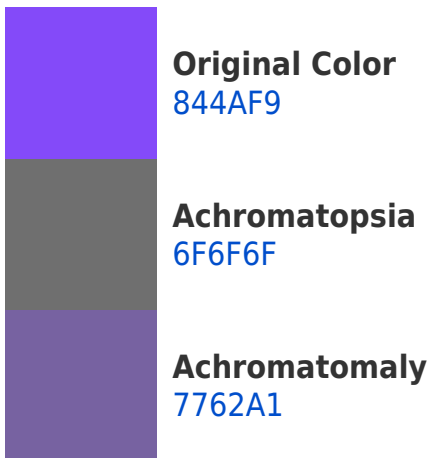


**Tritanopia**  
63747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 844AF9 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 #844AF9 looks like.

```
.text, #text, p{  
    color:#844AF9  
}
```

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 #844AF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #844AF9
}
```

## Border

The CSS property to change the border of an element to Hex 844AF9 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
#844AF9 }
```

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

```
.border{ border-color:#844AF9 }
```

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

Here you see how a box with a 4 pixel #844AF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #844AF9; -webkit-box-shadow:4px 4px  
4px 4px #844AF9; box-shadow:4px 4px 4px  
4px #844AF9 }
```

# Background

The CSS property to change the background color of an element to Hex 844AF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#844AF9 }
```

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

```
.background{ background-color:#844AF9 }
```

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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