

Converting Colors

Hex(8A6DFF)

Have a look what the booklet for
Hex(8A6DFF) contains.

Hex(8A6DFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8A6DFF)

Conversions

Conversions Part 1

Format	Color
Hex	8A6DFF
RGB	138, 109, 255
RGB Percent	54%, 43%, 100%
CMY	0.4588, 0.5725, 0.0000
CMYK	0.46, 0.57, 0.00, 0.00
HSL	252°, 100%, 71%
HSV	252°, 57%, 100%
XYZ	33.9999, 23.5606, 97.3634
YIQ	134.3150, -29.5820, 51.5540

Conversions

Conversions Part 2

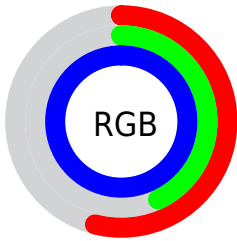
Format	Color
RYB	138, 109, 255
Decimal	9072127
CIELab	55.65, 46.12, -69.16
CIELCh	56, 83.125, 303.699
Yxy	23.5606, 0.2195, 0.1521
Android (android.graphics.Color)	4287262207 (0xFF8A6DFF)
YUV	134.3150, 59.4977, 3.2317
Hunter-Lab	48.5392, 40.0888, -84.9506

Details

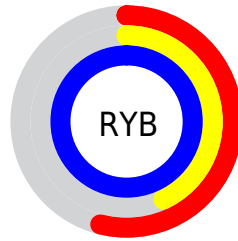
The Hex color **8A6DFF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **E2FF6D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **C6A1FF**, and **4D3CC5** is the 20% darker color. If you saturate the color by 10%, you get **7654FF**, and if you desaturate by 10%, it is **9E87FF**.

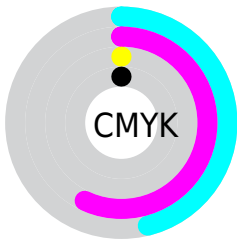
Distribution



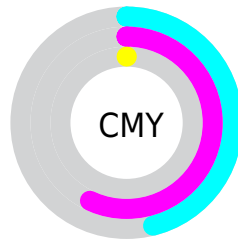
- Red (54%)
- Green (43%)
- Blue (100%)



- Red (54%)
- Yellow (43%)
- Blue (100%)



- Cyan (46%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (57%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A6DFF 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 8A6DFF by changing the saturation by 10% instead.

 8A6DFF

 8A6DFF

FFFFFF

 6C54E2

 C6A1FF

 4D3CC5

 E4BDFF

 2924A9

 FFD9FF

 000D8E

 FFF6FF

 000074

 00005A

 000742

 00032A

 000115

 8A6DFF

 8A6DFF

 7654FF

 9E87FF

 613AFF

 B3A0FF

 4D21FF

 C7BAFF

 3807FF

 DCD3FF

 3300FF

 F0EDFF

FFFFFF

Harmonies

Analogous

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



008CFF



8A6DFF



E03FC7

Triad

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



8A6DFF



D26800



00A48D

Complementary

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



8A6DFF



E2FF6D

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.



00A040



8A6DFF



9A8500

Square

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



8A6DFF



F8D39



4D9700



00A3D4

Rectangle

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



8A6DFF



FA1E98



4D9700



00A373

Sweetspot

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



8A6DFF



DCD4FF



6DE4FF



6B6680



000000



808080

Same Dimension

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



8A6DFF



724FFF



D16DFF



757380



2600BF



0D0040

Inverse Universe

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



FF6DE2



FF4FDC



9BFF6D



80737D



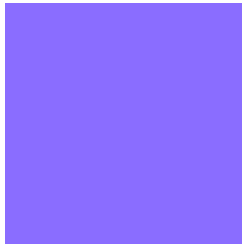
BF0099



400033

Previews

White Background



This preview shows how the Hex color 8A6DFF looks on a white background.

Color Contrast Check

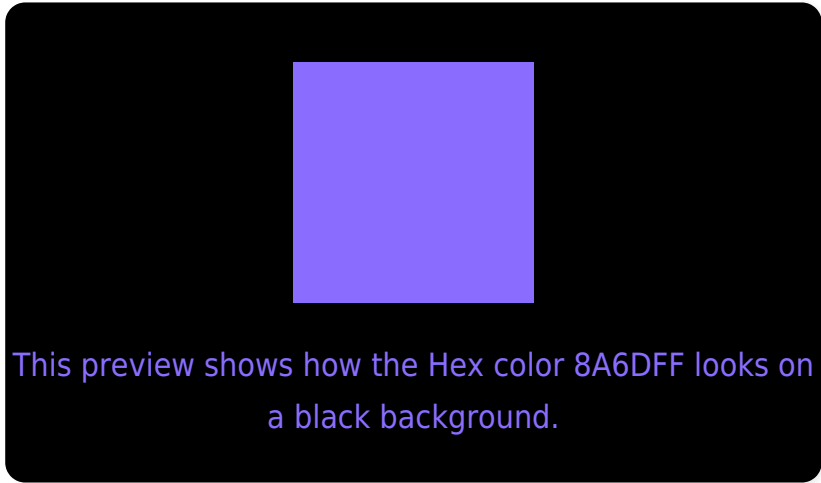
Large Text (above 18pt) WCAG AA ✓ Pass

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

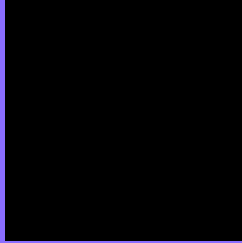
Any Text WCAG AA ✓ Pass

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 8A6DFF Background



This preview shows how black text looks on a background with the Hex color 8A6DFF.

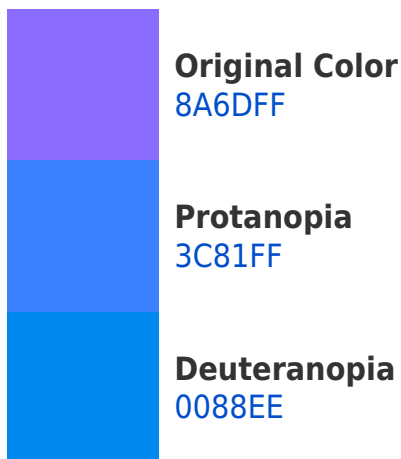


This preview shows how white text looks on a background with the Hex color 8A6DFF.

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](#).

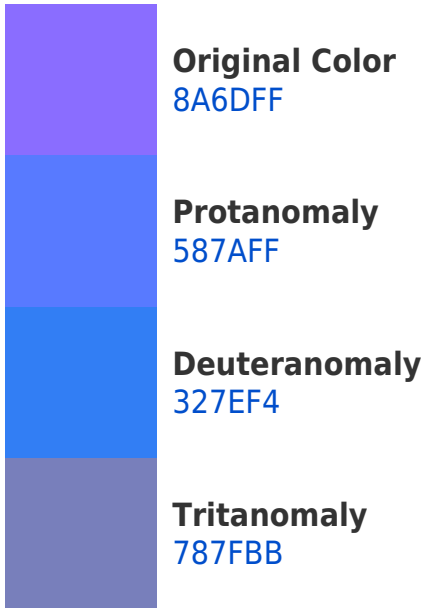
Dichromacy





Tritanopia
6E8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A6DFF 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 #8A6DFF looks like.

```
.text, #text, p{  
  color:#8A6DFF  
}
```

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 #8A6DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A6DFF
}
```

Border

The CSS property to change the border of an element to Hex 8A6DFF 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
#8A6DFF }
```

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

```
.border{ border-color:#8A6DFF }
```

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

Here you see how a box with a 4 pixel #8A6DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A6DFF; -webkit-box-shadow:4px 4px  
4px 4px #8A6DFF; box-shadow:4px 4px 4px  
4px #8A6DFF }
```

Background

The CSS property to change the background color of an element to Hex 8A6DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A6DFF }
```

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

```
.background{ background-color:#8A6DFF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor