

Converting Colors

Hex(8A80FF)

Have a look what the booklet for
Hex(8A80FF) contains.

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Color

Hex(8A80FF)

Conversions

Conversions Part 1

Format	Color
Hex	8A80FF
RGB	138, 128, 255
RGB Percent	54%, 50%, 100%
CMY	0.4588, 0.4980, 0.0000
CMYK	0.46, 0.50, 0.00, 0.00
HSL	245°, 100%, 75%
HSV	245°, 50%, 100%
XYZ	36.2504, 28.0616, 98.1136
YIQ	145.4680, -34.8070, 41.6170

Conversions

Conversions Part 2

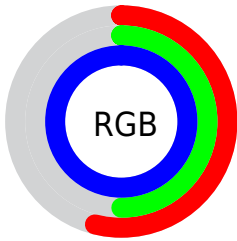
Format	Color
RYB	138, 128, 255
Decimal	9076991
CIELab	59.94, 35.25, -62.24
CIELCh	60, 71.529, 299.529
Yxy	28.0616, 0.2232, 0.1728
Android (android.graphics.Color)	4287267071 (0xFF8A80FF)
YUV	145.4680, 53.9993, -6.5494
Hunter-Lab	52.9732, 29.4472, -72.7319

Details

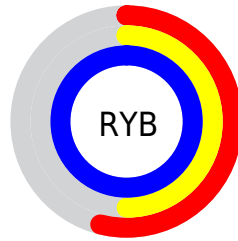
The Hex color **8A80FF** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **F5FF80**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **C5B5FF**, and **4E4FC5** is the 20% darker color. If you saturate the color by 10%, you get **7367FF**, and if you desaturate by 10%, it is **A19AFF**.

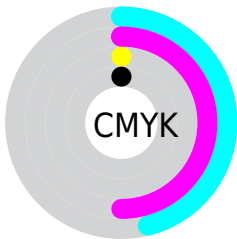
Distribution



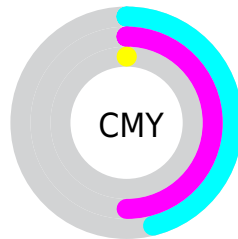
- Red (54%)
- Green (50%)
- Blue (100%)



- Red (54%)
- Yellow (50%)
- Blue (100%)



- Cyan (46%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A80FF 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 8A80FF by changing the saturation by 10% instead.

 8A80FF

 8A80FF

FFFFFF

 6D67E2

 C5B5FF

 4E4FC5

 E3D1FF

 2C38AA

 FFEDFF

 00228E

 000E74

 00005B

 000742

 00032B

 000115

 8A80FF

 8A80FF

 7367FF

 A19AFF

 5B4DFF

 B9B3FF

 4433FF

 D0CDFF

 2C1AFF

 E8E6FF

 1500FF

FFFFFF

 1400FF

Harmonies

Analogous

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



0098FF



8A80FF



DA61D1

Triad

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



8A80FF



DE741B



00AD8E

Complementary

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



8A80FF



F5FF80

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.



00A84C



8A80FF



AE8D00

Square

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



8A80FF



FB5756



709F00



00ACCD

Rectangle

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



8A80FF



F550A9



709F00



00AC77

Sweetspot

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



8A80FF



DCD9FF



80F7FF



6A6980



000000



808080

Same Dimension

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



8A80FF



7266FF



C880FF



747380



0F00BF



050040

Inverse Universe

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



FF80F5



FF66F3



B7FF80



80737E



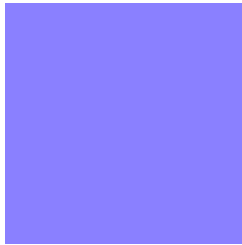
BF00B0



40003B

Previews

White Background



This preview shows how the Hex color 8A80FF looks on a white background.

Color Contrast Check

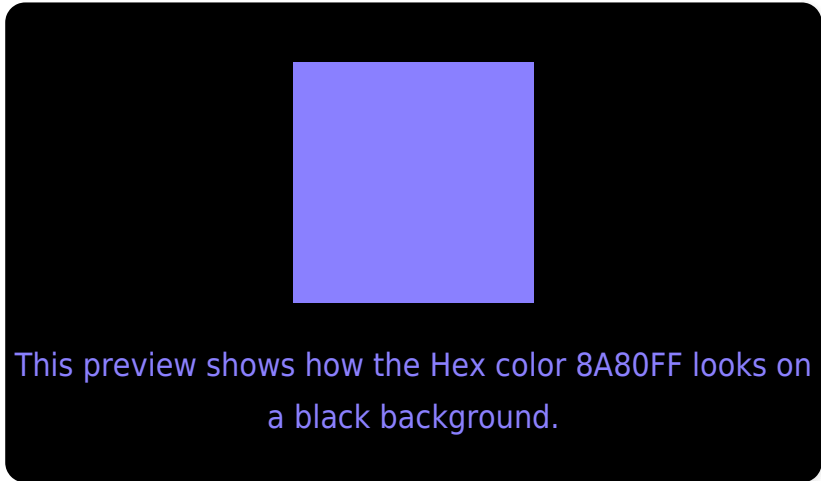
Large Text (above 18pt) WCAG AA ✓ Pass

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

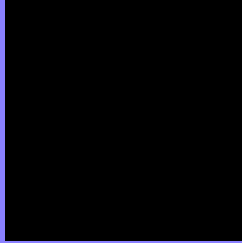
Any Text WCAG AA ✓ Pass

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 8A80FF Background



This preview shows how black text looks on a background with the Hex color 8A80FF.

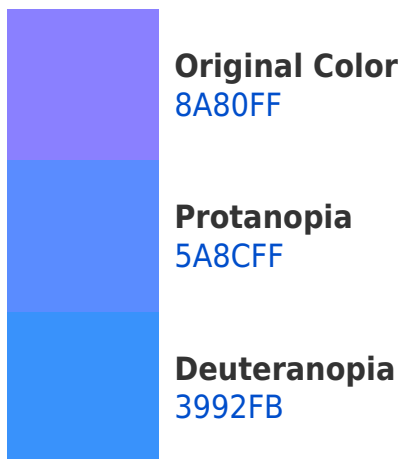


This preview shows how white text looks on a background with the Hex color 8A80FF.

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](#).

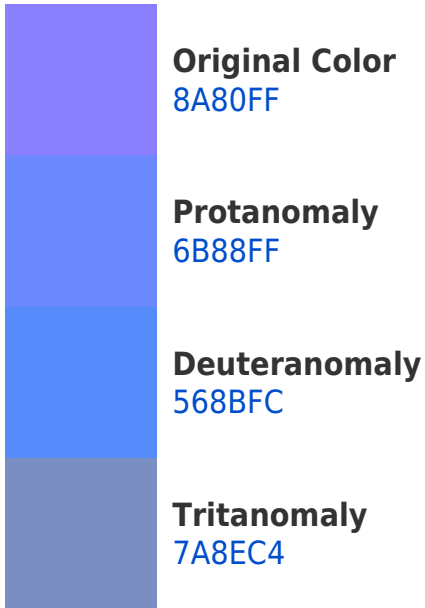
Dichromacy



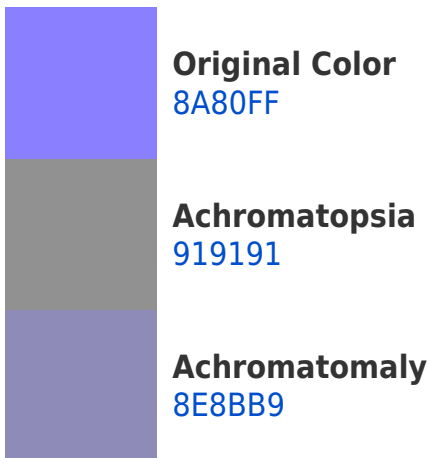


Tritanopia
7196A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A80FF 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 #8A80FF looks like.

```
.text, #text, p{  
    color:#8A80FF  
}
```

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 #8A80FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A80FF
}
```

Border

The CSS property to change the border of an element to Hex 8A80FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

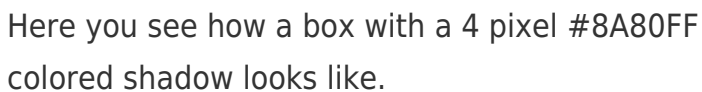
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A80FF }
```

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

```
.border{ border-color:#8A80FF }
```

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



Here you see how a box with a 4 pixel #8A80FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A80FF; -webkit-box-shadow:4px 4px  
4px 4px #8A80FF; box-shadow:4px 4px 4px  
4px #8A80FF }
```

Background

The CSS property to change the background color of an element to Hex 8A80FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A80FF }
```

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

```
.background{ background-color:#8A80FF }
```

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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