

Converting Colors

Hex(8580FF)

Have a look what the booklet for
Hex(8580FF) contains.

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Color

Hex(8580FF)

Conversions

Conversions Part 1

Format	Color
Hex	8580FF
RGB	133, 128, 255
RGB Percent	52%, 50%, 100%
CMY	0.4784, 0.4980, 0.0000
CMYK	0.48, 0.50, 0.00, 0.00
HSL	242°, 100%, 75%
HSV	242°, 50%, 100%
XYZ	35.4420, 27.6449, 98.0757
YIQ	143.9730, -37.7870, 40.5570

Conversions

Conversions Part 2

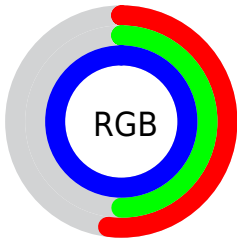
Format	Color
RYB	133, 128, 255
Decimal	8749311
CIELab	59.57, 34.17, -62.86
CIElCh	60, 71.549, 298.524
Yxy	27.6449, 0.2199, 0.1715
Android (android.graphics.Color)	4286939391 (0xFF8580FF)
YUV	143.9730, 54.7363, -9.6233
Hunter-Lab	52.5784, 28.3110, -73.7901

Details

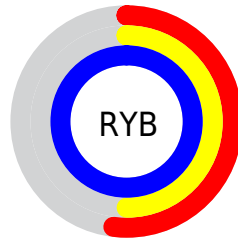
The Hex color **8580FF** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **FAFF80**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **C0B5FF**, and **484FC5** is the 20% darker color. If you saturate the color by 10%, you get **6D67FF**, and if you desaturate by 10%, it is **9D9AFF**.

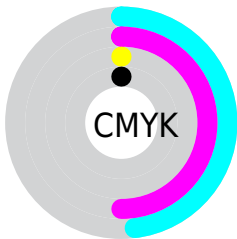
Distribution



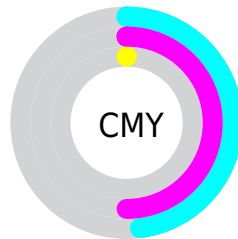
- Red (52%)
- Green (50%)
- Blue (100%)



- Red (52%)
- Yellow (50%)
- Blue (100%)



- Cyan (48%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8580FF 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 8580FF by changing the saturation by 10% instead.

 8580FF

 8580FF

FFFFFF

 6767E2

 C0B5FF

 484FC5

 DED1FF

 2338AA

 FCEDFF

 00228E

 000F74

 00005B

 000742

 00032B

 000115

 8580FF

 8580FF

 6D67FF

 9D9AFF

 544DFF

 B6B3FF

 3C33FF

 CECDFE

 231AFF

 E7E6FF

 0B00FF

FFFFFF

 0A00FF

Harmonies

Analogous

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



0098FF



8580FF



D761D2

Triad

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



8580FF



DE721C



00AB8A

Complementary

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



8580FF



FAFF80

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.



00A749



8580FF



AF8C00

Square

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



8580FF



FB5557



719D00



00ABCA

Rectangle

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



8580FF



F34FAA



719D00



00AA74

Sweetspot

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



8580FF



DAD9FF



80FBFF



696980



000000



808080

Same Dimension

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



8580FF



6C66FF



C480FF



737380



0800BF



030040

Inverse Universe

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



FF80FA



FF66F9



BBFF80



80737F



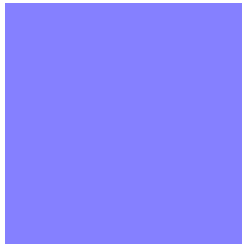
BF00B8



40003D

Previews

White Background



This preview shows how the Hex color 8580FF looks on a white background.

Color Contrast Check

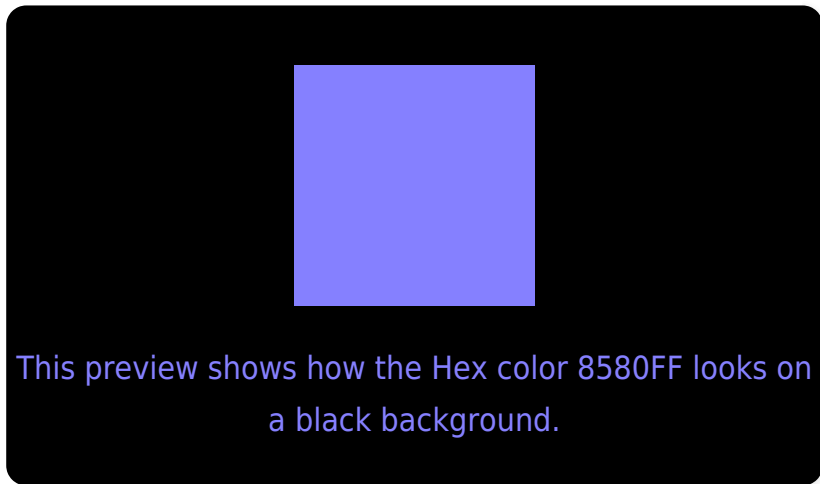
Large Text (above 18pt) WCAG AA ✓ Pass

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

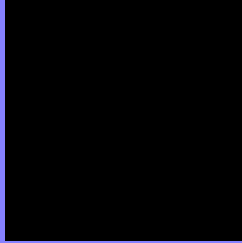
Any Text WCAG AA ✓ Pass

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 8580FF Background



This preview shows how black text looks on a background with the Hex color 8580FF.

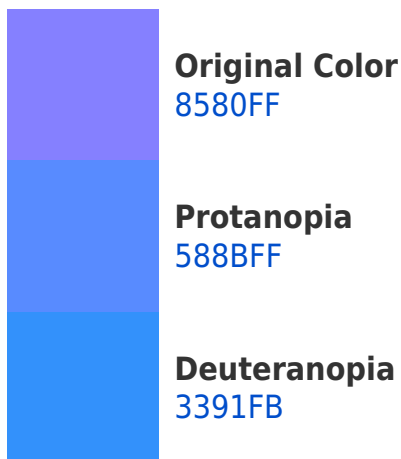



This preview shows how white text looks on a background with the Hex color 8580FF.

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](#).

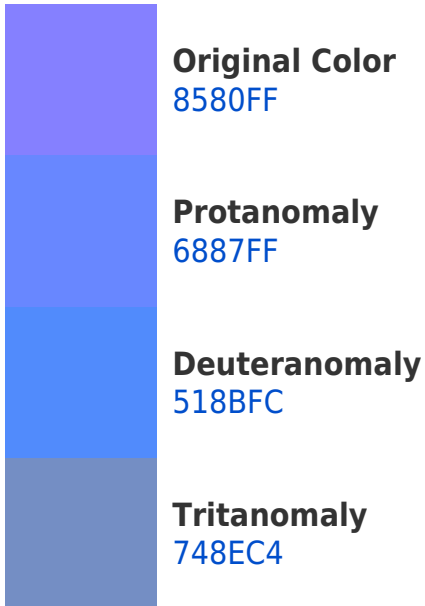
Dichromacy



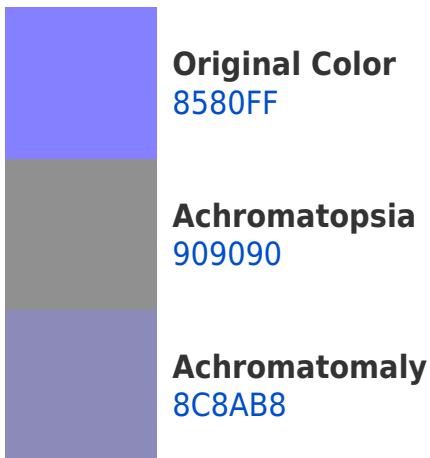


Tritanopia
6A96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8580FF 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 #8580FF looks like.

```
.text, #text, p{  
    color:#8580FF  
}
```

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 #8580FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8580FF
}
```

Border

The CSS property to change the border of an element to Hex 8580FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

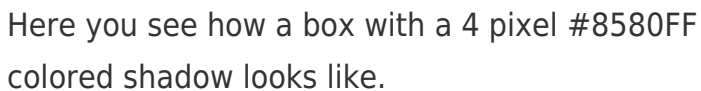
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8580FF }
```

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

```
.border{ border-color:#8580FF }
```

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



Here you see how a box with a 4 pixel #8580FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8580FF; -webkit-box-shadow:4px 4px  
4px 4px #8580FF; box-shadow:4px 4px 4px  
4px #8580FF }
```

Background

The CSS property to change the background color of an element to Hex 8580FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8580FF }
```

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

```
.background{ background-color:#8580FF }
```

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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