

Converting Colors

Hex(868DFF)

Have a look what the booklet for
Hex(868DFF) contains.

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Color

Hex(868DFF)

Conversions

Conversions Part 1

Format	Color
Hex	868DFF
RGB	134, 141, 255
RGB Percent	53%, 55%, 100%
CMY	0.4745, 0.4471, 0.0000
CMYK	0.47, 0.45, 0.00, 0.00
HSL	237°, 100%, 76%
HSV	237°, 47%, 100%
XYZ	37.4064, 31.3381, 98.6851
YIQ	151.9030, -40.7660, 33.9700

Conversions

Conversions Part 2

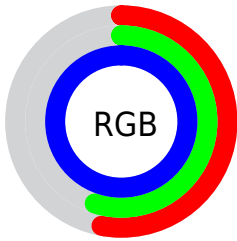
Format	Color
RYB	134, 141, 255
Decimal	8818175
CIELab	62.79, 26.79, -57.70
CIElCh	63, 63.619, 294.908
Yxy	31.3381, 0.2234, 0.1872
Android (android.graphics.Color)	4287008255 (0xFF868DFF)
YUV	151.9030, 50.8268, -15.7009
Hunter-Lab	55.9804, 21.3088, -65.3330

Details

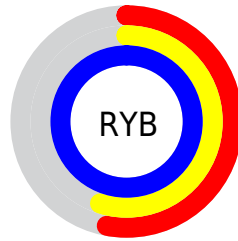
The Hex color **868DFF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFF886**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C1C2FF**, and **4A5BC6** is the 20% darker color. If you saturate the color by 10%, you get **6D75FF**, and if you desaturate by 10%, it is **A0A5FF**.

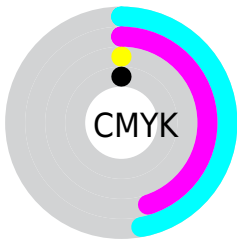
Distribution



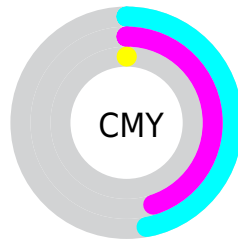
- Red (53%)
- Green (55%)
- Blue (100%)



- Red (53%)
- Yellow (55%)
- Blue (100%)



- Cyan (47%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 868DFF 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 868DFF by changing the saturation by 10% instead.

 868DFF

 868DFF

FFFFFF

 6974E2

 C1C2FF

 4A5BC6

 DEDEFF

 2744AA

 FCFBFF

 002E8F

 001A75

 00025B

 000743

 00032C

 000116

■ 868DFF

■ 868DFF

■ 6D75FF

■ A0A5FF

■ 535DFF

■ B9BDFF

■ 3A45FF

■ D3D5FF

■ 202DFF

■ ECEDFF

■ 0715FF

FFFFFF

■ 000FFF

Harmonies

Analogous

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



00A1FF



868DFF



D374DA

Triad

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



868DFF



E67B3B



00B28C

Complementary

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



868DFF



FFF886

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.



37AD53



868DFF



BD9216

Square

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



868DFF



FC666C



86A324



00B2C6

Rectangle

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



868DFF



F066B7



86A324



00B178

Sweetspot

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



868DFF



DBDDFF



86FFF7



6A6B80



000000



808080

Same Dimension

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



868DFF



6E76FF



BA86FF



737380



000BBF



000440

Inverse Universe

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



FF868D



FF6E76



CBFF86



807373



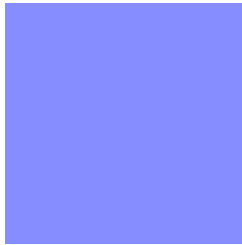
BF000B



400004

Previews

White Background



This preview shows how the Hex color 868DFF looks on a white background.

Color Contrast Check

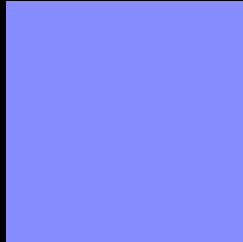
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 868DFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

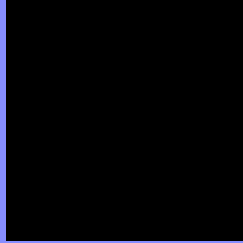
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 868DFF Background



This preview shows how black text looks on a background with the Hex color 868DFF.

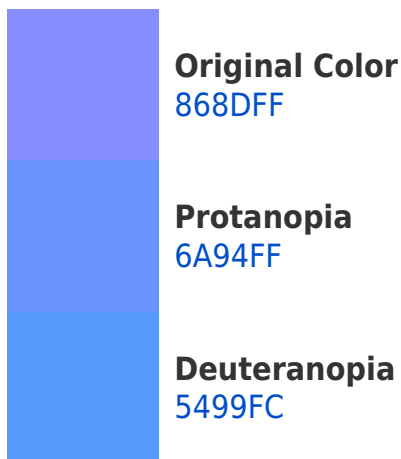


This preview shows how white text looks on a background with the Hex color 868DFF.

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](#).

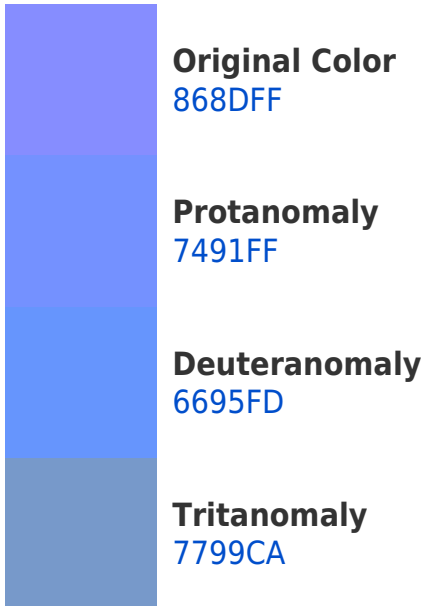
Dichromacy



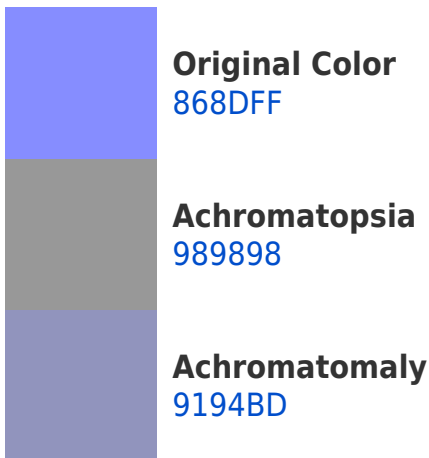


Tritanopia
6EA0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 868DFF 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 #868DFF looks like.

```
.text, #text, p{  
    color:#868DFF  
}
```

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 #868DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #868DFF
}
```

Border

The CSS property to change the border of an element to Hex 868DFF 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
#868DFF }
```

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

```
.border{ border-color:#868DFF }
```

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

Here you see how a box with a 4 pixel #868DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #868DFF; -webkit-box-shadow:4px 4px  
4px 4px #868DFF; box-shadow:4px 4px 4px  
4px #868DFF }
```

Background

The CSS property to change the background color of an element to Hex 868DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#868DFF }
```

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

```
.background{ background-color:#868DFF }
```

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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