

# Converting Colors

Hex(8C8DFE)

Have a look what the booklet for  
Hex(8C8DFE) contains.

<b>Hex(8C8DFE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(8C8DFE)

# Conversions

## Conversions Part 1

Format	Color
Hex	8C8DFE
RGB	140, 141, 254
RGB Percent	55%, 55%, 100%
CMY	0.4510, 0.4471, 0.0039
CMYK	0.45, 0.44, 0.00, 0.00
HSL	239°, 98%, 77%
HSV	239°, 45%, 100%
XYZ	38.2295, 31.7810, 97.8854
YIQ	153.5830, -36.8690, 34.9310

# Conversions

## Conversions Part 2

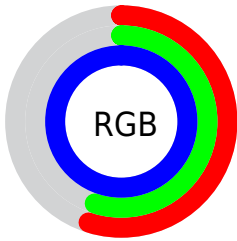
Format	Color
R <sub>Y</sub> B	140, 141, 254
Decimal	9211390
CIE Lab	63.16, 27.87, -56.54
CIE LCh	63, 63.036, 296.239
Yxy	31.7810, 0.2277, 0.1893
Android (android.graphics.Color)	4287401470 (0xFF8C8DFE)
YUV	153.5830, 49.5056, -11.9123
Hunter-Lab	56.3746, 22.3912, -63.4852

# Details

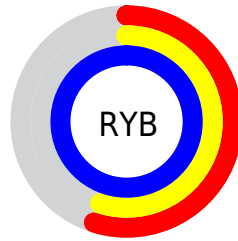
The Hex color **8C8DFE** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FEFD8C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **C6C3FF**, and **525BC5** is the 20% darker color. If you saturate the color by 10%, you get **7374FE**, and if you desaturate by 10%, it is **A5A6FE**.

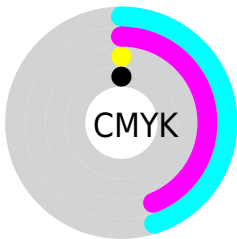
# Distribution



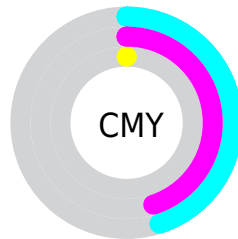
- Red (55%)
- Green (55%)
- Blue (100%)



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



- Cyan (45%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C8DFE 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 8C8DFE by changing the saturation by 10% instead.



 8C8DFE

 8C8DFE

FFFFFF

 6F74E1

 C6C3FF

 525BC5

 E4DEFF

 3144A9

 FFFBFF

 002E8E

 001974

 00025A

 000742

 00032B

 000115

 8C8DFE

 8C8DFE

 7374FE

 A5A6FE

 595BFE

 BFBFFE

 4041FE

 D8D9FE

 2628FE

 F2F2FE

 0D0FFE

FFFFFFE

 0002FE

# Harmonies

## Analogous

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



00A1FF



8C8DFE



D674D8

# Triad

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



8C8DFE



E57E3B



00B390

# Complementary

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



8C8DFE



FEFD8C

# 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.



34AE57



8C8DFE



BB9419

# Square

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



8C8DFE



FC686B



85A429



00B3C9

# Rectangle

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



8C8DFE



F167B5



85A429



00B27C



# Sweetspot

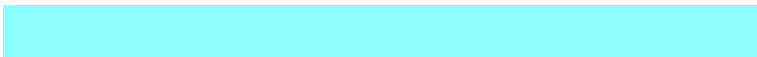
The Sweet Spot groups the original color and five complimentary colors.



8C8DFE



DEDEFF



8CFEFC



6B6B80



000000



808080



# Same Dimension

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



8C8DFE



7577FF



C38CFE



737380



0002BF



000140



# Inverse Universe

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



FE8C8D



FF7577



C7FE8C



807373



BF0002

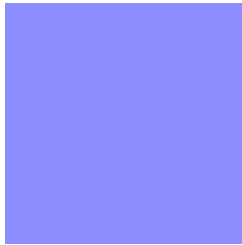


400001



# Previews

## White Background



This preview shows how the Hex color 8C8DFE looks on a white background.

## Color Contrast Check

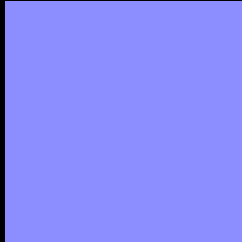
Large Text (above 18pt) WCAG AA × Fail

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 8C8DFE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

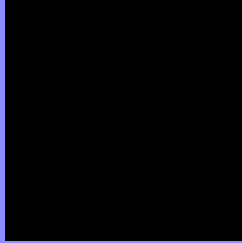
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8C8DFE Background



This preview shows how black text looks on a background with the Hex color 8C8DFE.



This preview shows how white text looks on a background with the Hex color 8C8DFE.

# Color Blindness Simulation

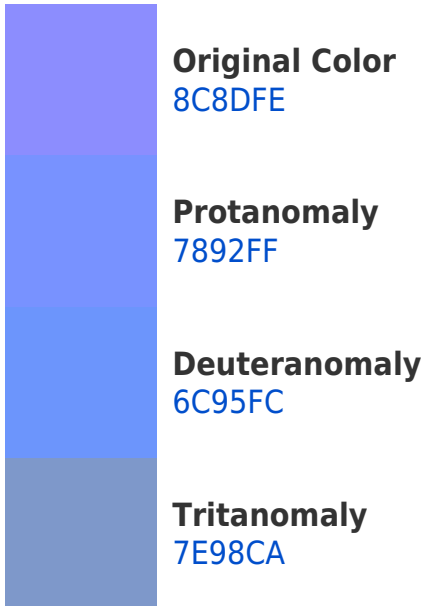
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

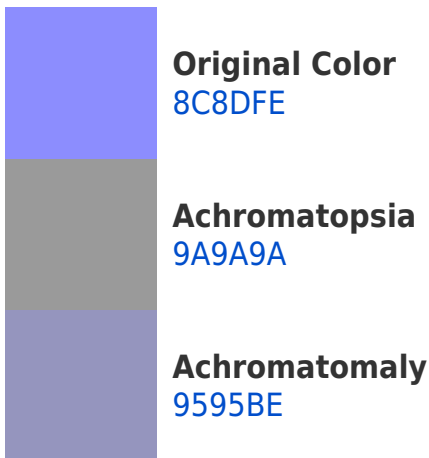




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C8DFE 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 #8C8DFE looks like.

```
.text, #text, p{  
    color:#8C8DFE  
}
```

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 #8C8DFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C8DFE
}
```

## Border

The CSS property to change the border of an element to Hex 8C8DFE 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
#8C8DFE }
```

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

```
.border{ border-color:#8C8DFE }
```

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

Here you see how a box with a 4 pixel #8C8DFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C8DFE; -webkit-box-shadow:4px 4px  
4px 4px #8C8DFE; box-shadow:4px 4px 4px  
4px #8C8DFE }
```

# Background

The CSS property to change the background color of an element to Hex 8C8DFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C8DFE }
```

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

```
.background{ background-color:#8C8DFE }
```

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