

# Converting Colors

Hex(8D8DF7)

Have a look what the booklet for  
Hex(8D8DF7) contains.

<b>Hex(8D8DF7)</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(8D8DF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D8DF7
RGB	141, 141, 247
RGB Percent	55%, 55%, 97%
CMY	0.4471, 0.4471, 0.0314
CMYK	0.43, 0.43, 0.00, 0.03
HSL	240°, 87%, 76%
HSV	240°, 43%, 97%
XYZ	37.2979, 31.4279, 92.0961
YIQ	153.0840, -34.0260, 32.9660

# Conversions

## Conversions Part 2

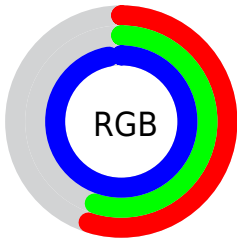
Format	Color
<a href="#">RYB</a>	<a href="#">141, 141, 247</a>
Decimal	<a href="#">9276919</a>
CIELab	<a href="#">62.87, 26.11, -53.17</a>
CIElCh	<a href="#">63, 59.233, 296.160</a>
Yxy	<a href="#">31.4279, 0.2319, 0.1954</a>
Android (android.graphics.Color)	<a href="#">4287466999 (0xFF8D8DF7)</a>
YUV	<a href="#">153.0840, 46.3006, -10.5977</a>
Hunter-Lab	<a href="#">56.0606, 20.6526, -58.1590</a>

# Details

The Hex color **8D8DF7** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F7F78D**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **C7C3FF**, and **545BBE** is the 20% darker color. If you saturate the color by 10%, you get **7474F7**, and if you desaturate by 10%, it is **A6A6F7**.

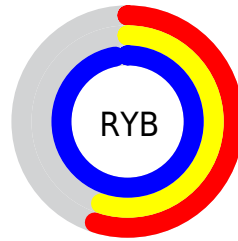
# Distribution



Red (55%)

Green (55%)

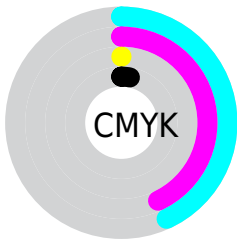
Blue (97%)



Red (55%)

Yellow (55%)

Blue (97%)

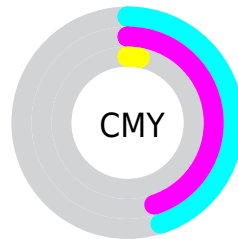


Cyan (43%)

Magenta (43%)

Yellow (0%)

Black (3%)



Cyan (45%)

Magenta (45%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D8DF7 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 8D8DF7 by changing the saturation by 10% instead.



8D8DF7

8D8DF7

FFFFFF

7173DA

C7C3FF

545BBE

E4DEFF

3544A2

FFFBFF

0B2E88

00196E

000155

00063D

000226

00010F

■ 8D8DF7

■ 8D8DF7

■ 7474F7

■ A6A6F7

■ 5C5CF7

■ BEBEF7

■ 4343F7

■ D7D7F7

■ 2A2AF7

■ F0F0F7

■ 1212F7

■ FFFFF7

■ 0000F7

# Harmonies

## Analogous

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



00A0FF



8D8DF7



D276D3

# Triad

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



8D8DF7



E17F40



00B18F

# Complementary

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



8D8DF7



F7F78D

# 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.



3EAC5B



8D8DF7



BA9325

# Square

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



8D8DF7



F6C6D



86A331



00B1C5

# Rectangle

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



8D8DF7



EB6BB3



86A331



00B07D



# Sweetspot

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



8D8DF7



DEDEFF



8DF7F7



6B6B80



000000



808080



# Same Dimension

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



8D8DF7



7D7DFF



C28DF7



6E6E7A



0000BA



00003B



# Inverse Universe

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



F78DF7



FF7DFF



C2F78D



7A6E7A



BA00BA

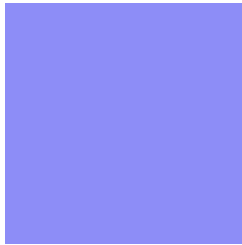


3B003B



# Previews

## White Background



This preview shows how the Hex color 8D8DF7 looks on a white background.

## Color Contrast Check

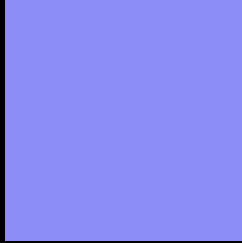
Large Text (above 18pt) WCAG AA × Fail

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 8D8DF7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

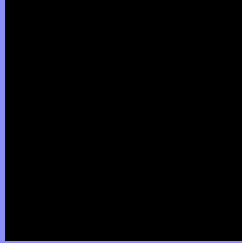
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8D8DF7 Background



This preview shows how black text looks on a background with the Hex color 8D8DF7.

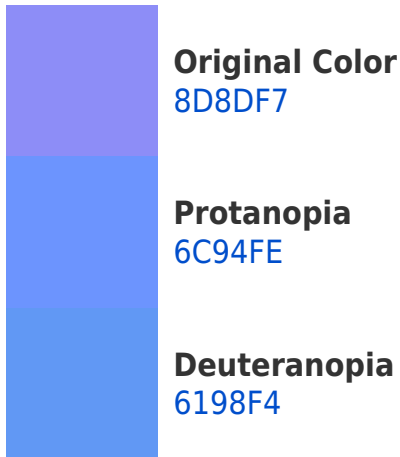


This preview shows how white text looks on a background with the Hex color 8D8DF7.

# 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](#).

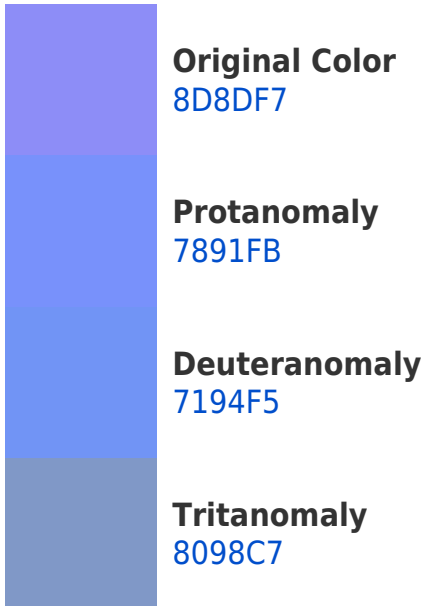
## Dichromacy



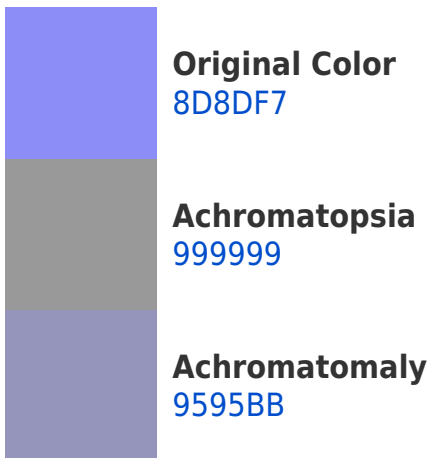


**Tritanopia**  
799EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D8DF7 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 #8D8DF7 looks like.

```
.text, #text, p{  
    color:#8D8DF7  
}
```

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 #8D8DF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D8DF7  
}
```

## Border

The CSS property to change the border of an element to Hex 8D8DF7 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  
#8D8DF7 }
```

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

```
.border{ border-color:#8D8DF7 }
```

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

Here you see how a box with a 4 pixel #8D8DF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D8DF7; -webkit-box-shadow:4px 4px  
4px 4px #8D8DF7; box-shadow:4px 4px 4px  
4px #8D8DF7 }
```

# Background

The CSS property to change the background color of an element to Hex 8D8DF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D8DF7 }
```

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

```
.background{ background-color:#8D8DF7 }
```

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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