

# Converting Colors

Hex(8D8DE9)

Have a look what the booklet for  
Hex(8D8DE9) contains.

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# **Color**

**Hex(8D8DE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D8DE9
RGB	141, 141, 233
RGB Percent	55%, 55%, 91%
CMY	0.4471, 0.4471, 0.0863
CMYK	0.39, 0.39, 0.00, 0.09
HSL	240°, 68%, 73%
HSV	240°, 39%, 91%
XYZ	35.2174, 30.5957, 81.1402
YIQ	151.4880, -29.5320, 28.6120

# Conversions

## Conversions Part 2

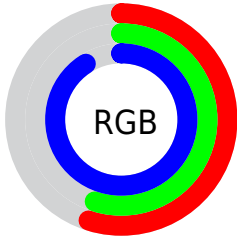
Format	Color
<a href="#">RYB</a>	<a href="#">141, 141, 233</a>
Decimal	<a href="#">9276905</a>
CIELab	<a href="#">62.16, 22.21, -46.56</a>
CIElCh	<a href="#">62, 51.581, 295.499</a>
Yxy	<a href="#">30.5957, 0.2397, 0.2082</a>
Android (android.graphics.Color)	<a href="#">4287466985</a> ( <a href="#">0xFF8D8DE9</a> )
YUV	<a href="#">151.4880, 40.1854, -9.1980</a>
Hunter-Lab	<a href="#">55.3133, 16.8505, -48.2543</a>

# Details

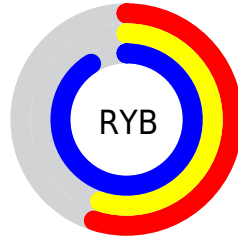
The Hex color **8D8DE9** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E9E98D**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C6C3FF**, and **565BB1** is the 20% darker color. If you saturate the color by 10%, you get **7676E9**, and if you desaturate by 10%, it is **A4A4E9**.

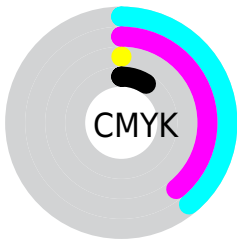
# Distribution



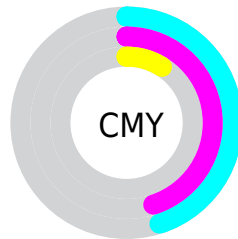
- Red (55%)
- Green (55%)
- Blue (91%)



- Red (55%)
- Yellow (55%)
- Blue (91%)



- Cyan (39%)
- Magenta (39%)
- Yellow (0%)
- Black (9%)



- Cyan (45%)
- Magenta (45%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D8DE9 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 8D8DE9 by changing the saturation by 10% instead.



■ 8D8DE9

■ 8D8DE9

FFFFFF

■ 7174CD

■ C6C3FF

■ 565BB1

■ E3DEFF

■ 394496

■ FFFBFF

■ 182E7B

■ 001962

■ 00004A

■ 000432

■ 00021C

■ 000000

8D8DE9

8D8DE9

7676E9

A4A4E9

5E5EE9

BCBCE9

4747E9

D3D3E9

3030E9

EAEAE9

1919E9

FFFFE9

0101E9

0000E9

# Harmonies

## Analogous

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



029DF1



8D8DE9



C87BCB

# Triad

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



8D8DE9



D8804C



00AC8E

# Complementary

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



8D8DE9



E9E98D

# 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.



4FA860



8D8DE9



B69137

# Square

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



8D8DE9



EA7171



899F3F



00ADBC

# Rectangle

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



8D8DE9



DF71AE



899F3F



00AC7E



# Sweetspot

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



8D8DE9



E0E0FF



8DE9E9



6E6E80



000000



808080



# Same Dimension

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



8D8DE9



8787FF



BB8DE9



6A6A75



0000B5



000036



# Inverse Universe

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



E98DE9



FF87FF



BBE98D



756A75



B500B5

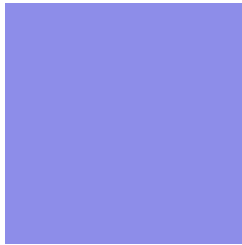


360036



# Previews

## White Background



This preview shows how the Hex color 8D8DE9 looks on a white background.

## Color Contrast Check

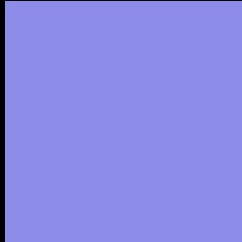
Large Text (above 18pt) WCAG AA × Fail

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 8D8DE9 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 8D8DE9 Background



This preview shows how black text looks on a background with the Hex color 8D8DE9.



This preview shows how white text looks on a background with the Hex color 8D8DE9.

# 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](#).

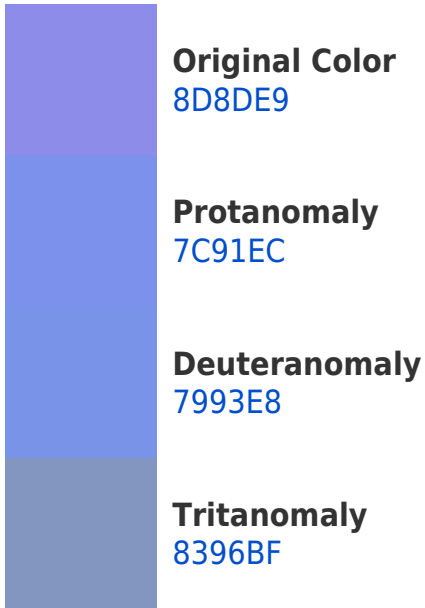
## Dichromacy



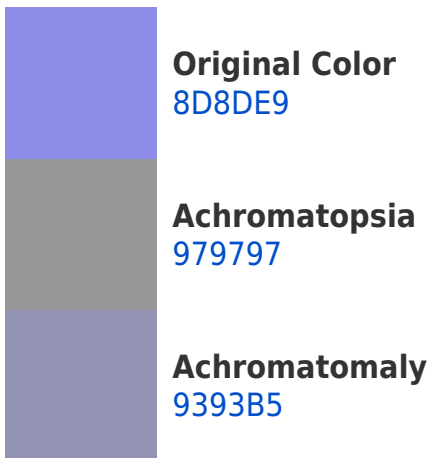


**Tritanopia**  
7D9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D8DE9 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 #8D8DE9 looks like.

```
.text, #text, p{  
    color:#8D8DE9  
}
```

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 #8D8DE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D8DE9
}
```

## Border

The CSS property to change the border of an element to Hex 8D8DE9 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
#8D8DE9 }
```

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

```
.border{ border-color:#8D8DE9 }
```

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

Here you see how a box with a 4 pixel #8D8DE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D8DE9; -webkit-box-shadow:4px 4px  
4px 4px #8D8DE9; box-shadow:4px 4px 4px  
4px #8D8DE9 }
```

# Background

The CSS property to change the background color of an element to Hex 8D8DE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D8DE9 }
```

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

```
.background{ background-color:#8D8DE9 }
```

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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