

# Converting Colors

Hex(8979DC)

Have a look what the booklet for  
Hex(8979DC) contains.

<b>Hex(8979DC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(8979DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8979DC
RGB	137, 121, 220
RGB Percent	54%, 47%, 86%
CMY	0.4627, 0.5255, 0.1373
CMYK	0.38, 0.45, 0.00, 0.14
HSL	250°, 59%, 67%
HSV	250°, 45%, 86%
XYZ	30.0722, 24.1604, 70.7886
YIQ	137.0700, -22.2430, 34.1810

# Conversions

## Conversions Part 2

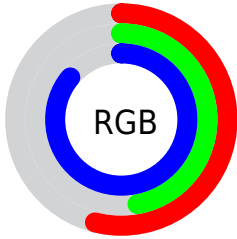
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 121, 220
Decimal	9009628
CIE <sub>Lab</sub>	56.25, 29.29, -48.69
CIE <sub>LCh</sub>	56, 56.825, 301.028
Yxy	24.1604, 0.2405, 0.1933
Android (android.graphics.Color)	4287199708 (0xFF8979DC)
YUV	137.0700, 40.8845, -0.0614
Hunter-Lab	49.1532, 23.1889, -50.9799

# Details

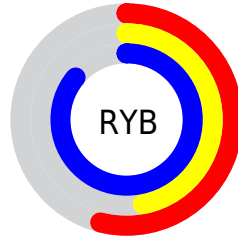
The Hex color **8979DC** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **CCDC79**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **C1AEFF**, and **5248A4** is the 20% darker color. If you saturate the color by 10%, you get **7763DC**, and if you desaturate by 10%, it is **9B8FDC**.

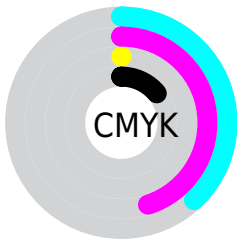
# Distribution



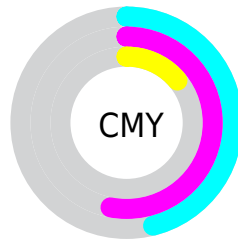
- Red (54%)
- Green (47%)
- Blue (86%)



- Red (54%)
- Yellow (47%)
- Blue (86%)



- Cyan (38%)
- Magenta (45%)
- Yellow (0%)
- Black (14%)



- Cyan (46%)
- Magenta (53%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8979DC 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 8979DC by changing the saturation by 10% instead.



■ 8979DC

■ 8979DC

FFFFFF

■ 6D60C0

■ C1AEFF

■ 5248A4

■ DEC9FF

■ 36318A

■ FCE5FF

■ 151C70

■ 000757

■ 00003F

■ 000328

■ 000111

■ 000000

8979DC

8979DC

7763DC

9B8FDC

644DDC

AEA5DC

5237DC

C0BBDC

3F21DC

D3D1DC

2D0BDC

E5E7DC

2400DC

F8FDDC

FFFFDC

# Harmonies

## Analogous

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



008CEA



8979DC



C464B8

# Triad

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



8979DC



C5722E



009E87

# Complementary

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



8979DC



CCDC79

# 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.



169B55



8979DC



9F8516

# Square

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



8979DC



DD5F57



6D932A



009EB9

# Rectangle

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



8979DC



D95998



6D932A



009D76



# Sweetspot

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



8979DC



E1DBFF



79CDDC



6D6A80



000000



808080



# Same Dimension

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



8979DC



8C75FF



B979DC



64636E



1C00AD



07002E



# Inverse Universe

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



DC79CC



FF75E9



9CDC79



6E636C



AD0091

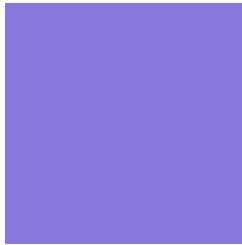


2E0026



# Previews

## White Background



This preview shows how the Hex color 8979DC looks on a white background.

## Color Contrast Check

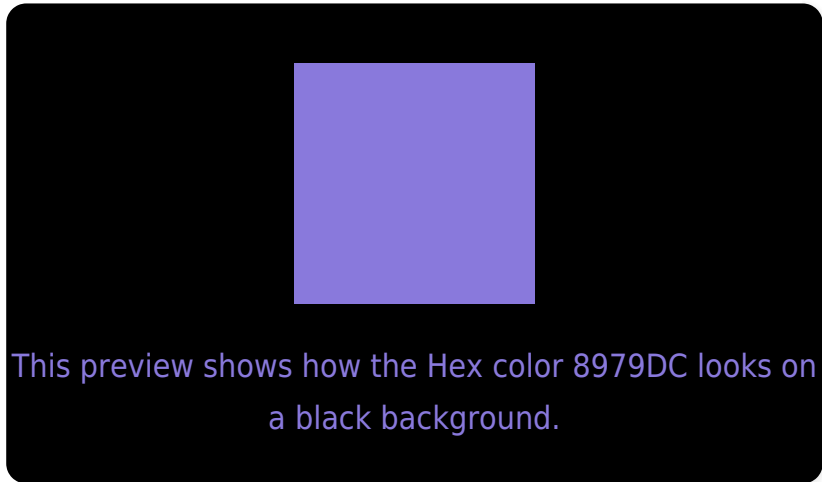
Large Text (above 18pt) WCAG AA ✓ Pass

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

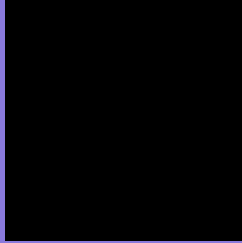
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8979DC Background



This preview shows how black text looks on a background with the Hex color 8979DC.

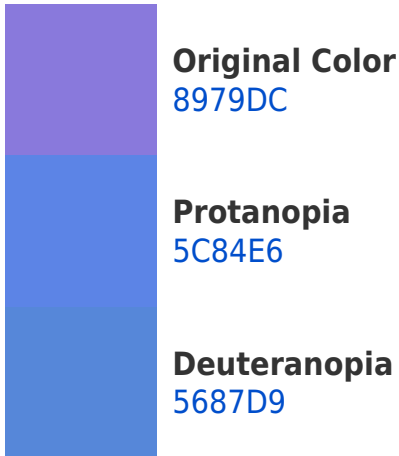


This preview shows how white text looks on a background with the Hex color 8979DC.

# 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](#).

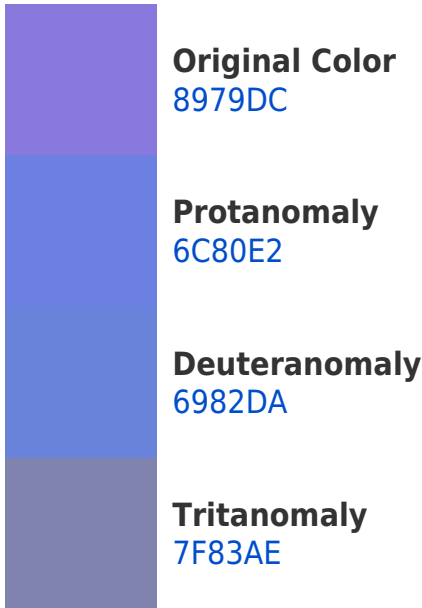
## Dichromacy



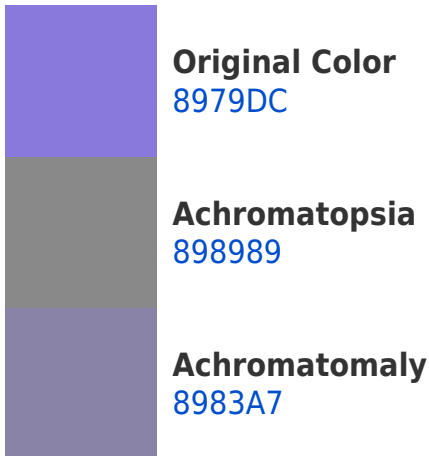


**Tritanopia**  
798994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8979DC 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 #8979DC looks like.

```
.text, #text, p{  
    color:#8979DC  
}
```

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 #8979DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8979DC
}
```

## Border

The CSS property to change the border of an element to Hex 8979DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

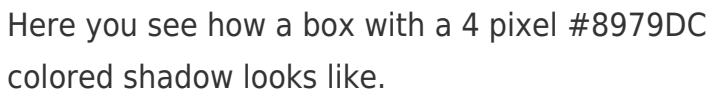
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8979DC }
```

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

```
.border{ border-color:#8979DC }
```

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



Here you see how a box with a 4 pixel #8979DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8979DC; -webkit-box-shadow:4px 4px  
4px 4px #8979DC; box-shadow:4px 4px 4px  
4px #8979DC }
```

# Background

The CSS property to change the background color of an element to Hex 8979DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8979DC }
```

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

```
.background{ background-color:#8979DC }
```

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