

Converting Colors

Hex(8989DC)

Have a look what the booklet for
Hex(8989DC) contains.

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Color

Hex(8989DC)

Conversions

Conversions Part 1

Format	Color
Hex	8989DC
RGB	137, 137, 220
RGB Percent	54%, 54%, 86%
CMY	0.4627, 0.4627, 0.1373
CMYK	0.38, 0.38, 0.00, 0.14
HSL	240°, 54%, 70%
HSV	240°, 38%, 86%
XYZ	32.1805, 28.3770, 71.4914
YIQ	146.4620, -26.6430, 25.8130

Conversions

Conversions Part 2

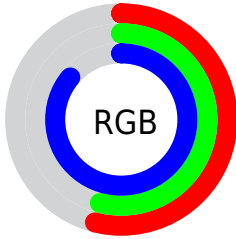
Format	Color
RYB	137, 137, 220
Decimal	9013724
CIELab	60.23, 19.92, -42.40
CIElCh	60, 46.850, 295.163
Yxy	28.3770, 0.2437, 0.2149
Android (android.graphics.Color)	4287203804 (0xFF8989DC)
YUV	146.4620, 36.2542, -8.2982
Hunter-Lab	53.2701, 14.6093, -42.2814

Details

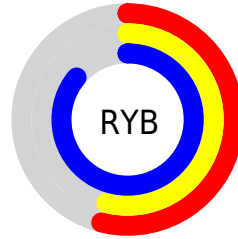
The Hex color **8989DC** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DCDC89**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **C1BEFF**, and **5357A4** is the 20% darker color. If you saturate the color by 10%, you get **7373DC**, and if you desaturate by 10%, it is **9F9FDC**.

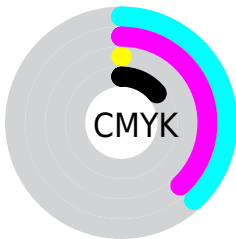
Distribution



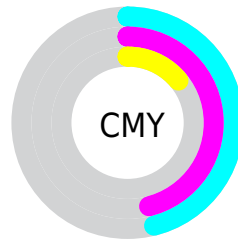
- Red (54%)
- Green (54%)
- Blue (86%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 8989DC 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 8989DC by changing the saturation by 10% instead.

8989DC

8989DC

FFFFFF

6E70C0

C1BEFF

5357A4

DEDAFF

37408A

FBF7FF

182A70

001657

00003F

000328

000112

000000

■ 8989DC

■ 8989DC

■ 7373DC

■ 9F9FDC

■ 5D5DDC

■ B5B5DC

■ 4747DC

■ CBCBDC

■ 3131DC

■ E1E1DC

■ 1B1BDC

■ F7F7DC

■ 0505DC

■ FFFFDC

■ 0000DC

Harmonies

Analogous

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



2A98E3



8989DC



BE79C1

Triad

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



8989DC



CE7D4E



00A689

Complementary

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



8989DC



DCDC89

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.



54A260



8989DC



AF8D3C

Square

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



8989DC



DE7170



879943



00A6B3

Rectangle

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



8989DC



D371A7



879943



17A57B

Sweetspot

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



8989DC



E3E3FF



89DCDC



6F6F80



000000



808080

Same Dimension

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



8989DC



8C8CFF



B389DC



63636E



0000AD



00002E

Inverse Universe

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



DC89DC



FF8CFF



B3DC89



6E636E



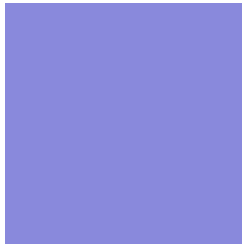
AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color 8989DC looks on a white background.

Color Contrast Check

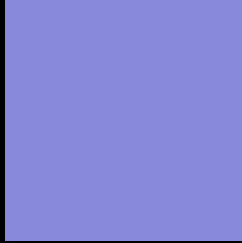
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 8989DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

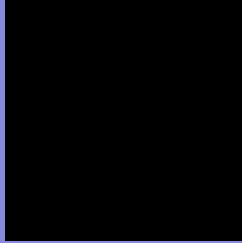
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 8989DC Background



This preview shows how black text looks on a background with the Hex color 8989DC.

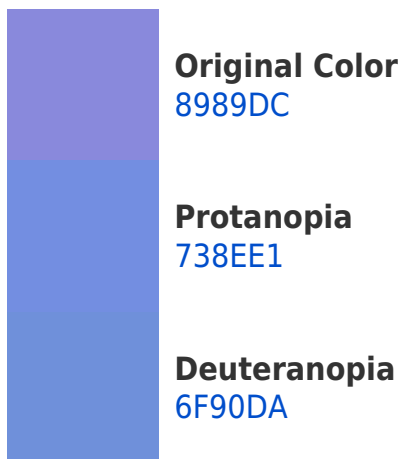


This preview shows how white text looks on a background with the Hex color 8989DC.

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](#).

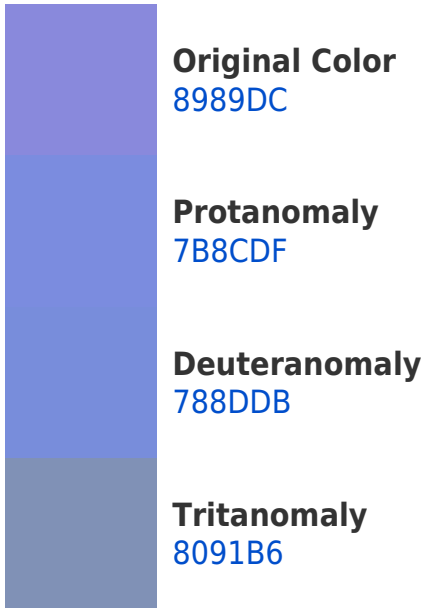
Dichromacy



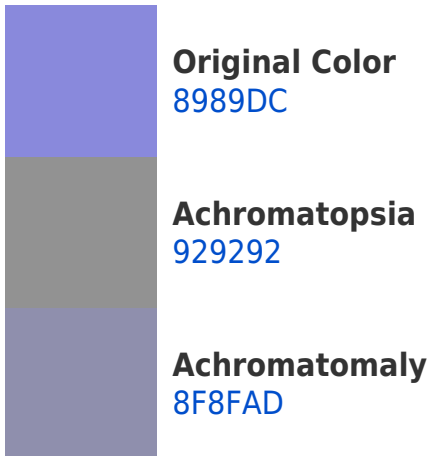


Tritanopia
7B95A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8989DC 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 #8989DC looks like.

```
.text, #text, p{  
    color:#8989DC  
}
```

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 #8989DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8989DC
}
```

Border

The CSS property to change the border of an element to Hex 8989DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

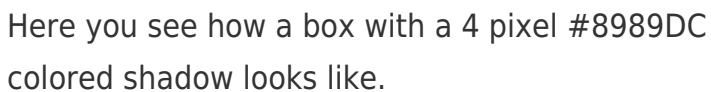
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8989DC }
```

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

```
.border{ border-color:#8989DC }
```

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



Here you see how a box with a 4 pixel #8989DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8989DC; -webkit-box-shadow:4px 4px  
4px 4px #8989DC; box-shadow:4px 4px 4px  
4px #8989DC }
```

Background

The CSS property to change the background color of an element to Hex 8989DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8989DC }
```

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

```
.background{ background-color:#8989DC }
```

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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