

Converting Colors

Hex(8C89DD)

Have a look what the booklet for
Hex(8C89DD) contains.

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Color

Hex(8C89DD)

Conversions

Conversions Part 1

Format	Color
Hex	8C89DD
RGB	140, 137, 221
RGB Percent	55%, 54%, 87%
CMY	0.4510, 0.4627, 0.1333
CMYK	0.37, 0.38, 0.00, 0.13
HSL	242°, 55%, 70%
HSV	242°, 38%, 87%
XYZ	32.8120, 28.6872, 72.2144
YIQ	147.4730, -25.1760, 26.7600

Conversions

Conversions Part 2

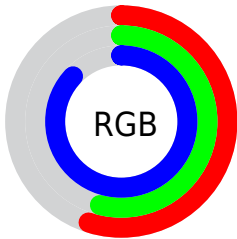
Format	Color
RYB	140, 137, 221
Decimal	9210333
CIELab	60.50, 20.99, -42.51
CIElCh	61, 47.411, 296.280
Yxy	28.6872, 0.2454, 0.2145
Android (android.graphics.Color)	4287400413 (0xFF8C89DD)
YUV	147.4730, 36.2488, -6.5538
Hunter-Lab	53.5605, 15.6212, -42.4471

Details

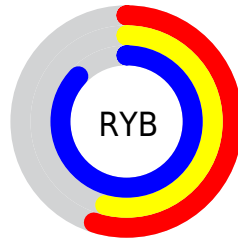
The Hex color **8C89DD** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DADD89**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **C4BEFF**, and **5657A5** is the 20% darker color. If you saturate the color by 10%, you get **7773DD**, and if you desaturate by 10%, it is **A19FDD**.

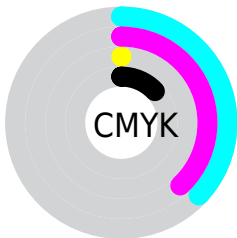
Distribution



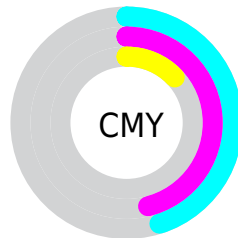
- Red (55%)
- Green (54%)
- Blue (87%)



- Red (55%)
- Yellow (54%)
- Blue (87%)



- Cyan (37%)
- Magenta (38%)
- Yellow (0%)
- Black (13%)



- Cyan (45%)
- Magenta (46%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C89DD 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 8C89DD by changing the saturation by 10% instead.

8C89DD

8C89DD

FFFFFF

7170C1

C4BEFF

5657A5

E1DAFF

3B408B

FEF7FF

1D2A71

001658

000040

000329

000113

000000

■ 8C89DD

■ 8C89DD

■ 7773DD

■ A19FDD

■ 615DDD

■ B7B5DD

■ 4C47DD

■ CCCBDD

■ 3731DD

■ E1E1DD

■ 211ADD

■ F7F8DD

■ 0C04DD

■ FFFFDD

■ 0800DD

Harmonies

Analogous

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



2E98E5



8C89DD



C179C1

Triad

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



8C89DD



CE7E4D



00A78B

Complementary

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



8C89DD



DADD89

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.



51A362



8C89DD



AF8E3B

Square

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



8C89DD



DF716F



859A43



00A6B6

Rectangle

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



8C89DD



D571A7



859A43



08A67D

Sweetspot

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



8C89DD



E4E3FF



89DADD



706F80



000000



808080

Same Dimension

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



8C89DD



8E8AFF



B689DD



63636E



0600AD



02002E

Inverse Universe

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



DD89DA



FF8AFB



B0DD89



6E636D



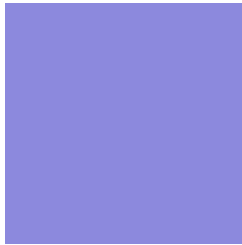
AD00A7



2E002C

Previews

White Background



This preview shows how the Hex color 8C89DD 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 8C89DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

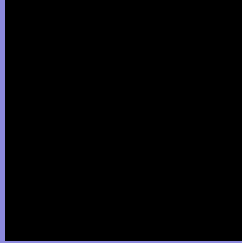
Any Text WCAG AA ✓ Pass

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 8C89DD Background



This preview shows how black text looks on a background with the Hex color 8C89DD.



This preview shows how white text looks on a background with the Hex color 8C89DD.

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



Original Color
8C89DD

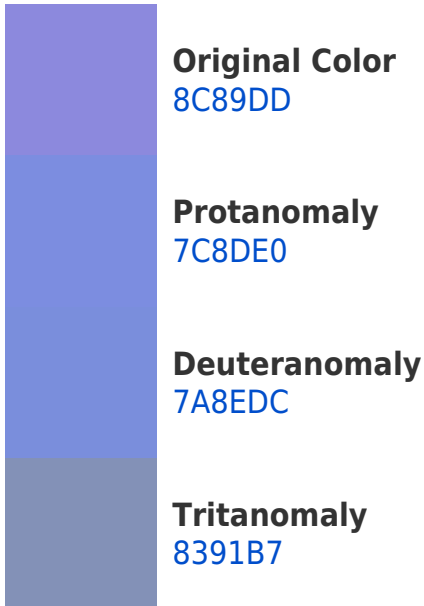
Protanopia
738FE2

Deuteranopia
7091DB

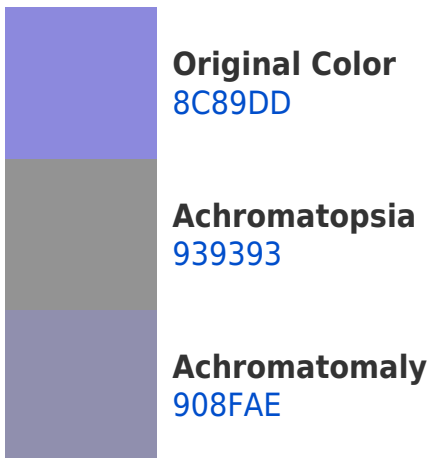


Tritanopia
7E95A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8C89DD 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 #8C89DD looks like.

```
.text, #text, p{  
    color:#8C89DD  
}
```

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 #8C89DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C89DD
}
```

Border

The CSS property to change the border of an element to Hex 8C89DD 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
#8C89DD }
```

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

```
.border{ border-color:#8C89DD }
```

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

Here you see how a box with a 4 pixel #8C89DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C89DD; -webkit-box-shadow:4px 4px  
4px 4px #8C89DD; box-shadow:4px 4px 4px  
4px #8C89DD }
```

Background

The CSS property to change the background color of an element to Hex 8C89DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C89DD }
```

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

```
.background{ background-color:#8C89DD }
```

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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