

Converting Colors

Hex(8C70DB)

Have a look what the booklet for
Hex(8C70DB) contains.

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Color

Hex(8C70DB)

Conversions

Conversions Part 1

Format	Color
Hex	8C70DB
RGB	140, 112, 219
RGB Percent	55%, 44%, 86%
CMY	0.4510, 0.5608, 0.1412
CMYK	0.36, 0.49, 0.00, 0.14
HSL	256°, 60%, 65%
HSV	256°, 49%, 86%
XYZ	29.3956, 22.2783, 69.7687
YIQ	132.5700, -17.6590, 39.2130

Conversions

Conversions Part 2

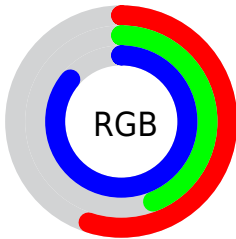
Format	Color
RYB	140, 112, 219
Decimal	9203931
CIELab	54.32, 35.02, -51.18
CIElCh	54, 62.016, 304.384
Yxy	22.2783, 0.2421, 0.1834
Android (android.graphics.Color)	4287394011 (0xFF8C70DB)
YUV	132.5700, 42.6100, 6.5161
Hunter-Lab	47.1999, 28.5682, -54.5998

Details

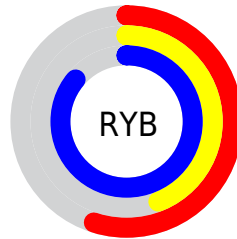
The Hex color **8C70DB** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **BFDB70**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **C5A4FF**, and **553FA3** is the 20% darker color. If you saturate the color by 10%, you get **7C5ADB**, and if you desaturate by 10%, it is **9C86DB**.

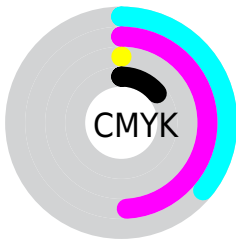
Distribution



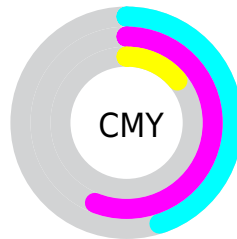
- Red (55%)
- Green (44%)
- Blue (86%)



- Red (55%)
- Yellow (44%)
- Blue (86%)



- Cyan (36%)
- Magenta (49%)
- Yellow (0%)
- Black (14%)



- Cyan (45%)
- Magenta (56%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C70DB 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 8C70DB by changing the saturation by 10% instead.

8C70DB

8C70DB

FFFFFF

7057BF

C5A4FF

553FA3

E2C0FF

392889

FFDCFF

19126F

FFF8FF

000056

00003D

000327

000110

000000

 8C70DB

 8C70DB

 7C5ADB

 9C86DB

 6C44DB

 AC9CDB

 5B2EDB

 BDB2DB

 4B18DB

 CDC8DB

 3B02DB

 DDDDDB

 3900DB

 EDF3DB

 FDFFD B

 FFFFD B

Harmonies

Analogous

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



0086ED



8C70DB



C857B1

Triad

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



8C70DB



BF6E19



009B88

Complementary

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



8C70DB



BFDB70

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.



009751



8C70DB



948200

Square

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



8C70DB



DB5648



5D901D



009ABD

Rectangle

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



8C70DB



DC4C8E



5D901D



009A76

Sweetspot

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



8C70DB



E3D9FF



70C0DB



6F6980



000000



808080

Same Dimension

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



8C70DB



9069FF



C070DB



66636E



2D00AD



0C002E

Inverse Universe

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



DB70BF



FF69D8



8BDB70



6E636B



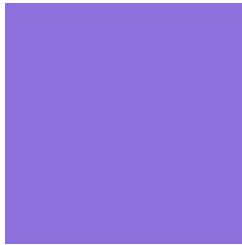
AD0080



2E0022

Previews

White Background



This preview shows how the Hex color 8C70DB looks on a white background.

Color Contrast Check

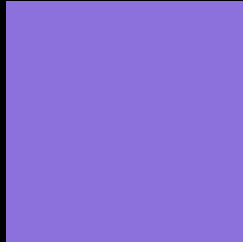
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C70DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

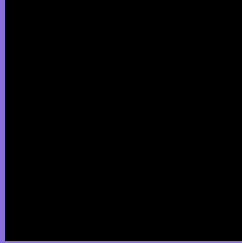
Any Text WCAG AA ✓ Pass

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 8C70DB Background



This preview shows how black text looks on a background with the Hex color 8C70DB.

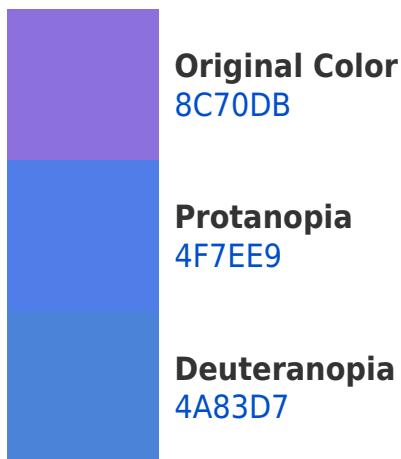


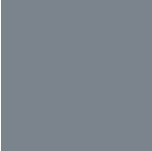
This preview shows how white text looks on a background with the Hex color 8C70DB.

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](#).

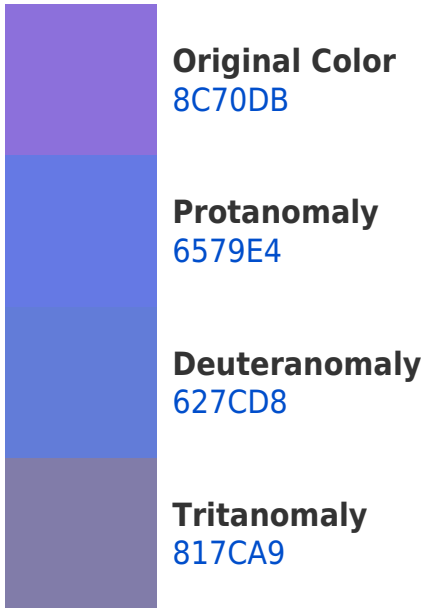
Dichromacy



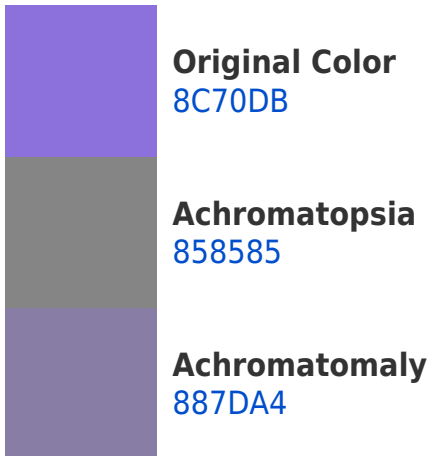


Tritanopia
7B838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8C70DB 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 #8C70DB looks like.

```
.text, #text, p{  
    color:#8C70DB  
}
```

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 #8C70DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C70DB
}
```

Border

The CSS property to change the border of an element to Hex 8C70DB 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
#8C70DB }
```

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

```
.border{ border-color:#8C70DB }
```

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

Here you see how a box with a 4 pixel #8C70DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C70DB; -webkit-box-shadow:4px 4px  
4px 4px #8C70DB; box-shadow:4px 4px 4px  
4px #8C70DB }
```

Background

The CSS property to change the background color of an element to Hex 8C70DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C70DB }
```

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

```
.background{ background-color:#8C70DB }
```

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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