

Converting Colors

Hex(8C70AB)

Have a look what the booklet for
Hex(8C70AB) contains.

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Color

Hex(8C70AB)

Conversions

Conversions Part 1

Format	Color
Hex	8C70AB
RGB	140, 112, 171
RGB Percent	55%, 44%, 67%
CMY	0.4510, 0.5608, 0.3294
CMYK	0.18, 0.35, 0.00, 0.33
HSL	268°, 26%, 55%
HSV	268°, 35%, 67%
XYZ	23.9601, 20.1041, 41.1457
YIQ	127.0980, -2.2510, 24.2850

Conversions

Conversions Part 2

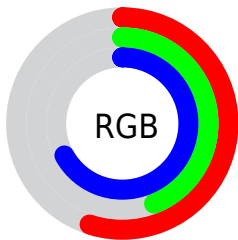
Format	Color
R _Y B	140, 112, 171
Decimal	9203883
CIE _{Lab}	51.95, 22.95, -27.43
CIE _{LCh}	52, 35.763, 309.912
Y _{xy}	20.1041, 0.2812, 0.2359
Android (android.graphics.Color)	4287393963 (0xFF8C70AB)
Y _{UV}	127.0980, 21.6437, 11.3151
Hunter-Lab	44.8376, 16.9202, -23.0219

Details

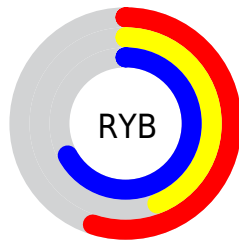
The Hex color **8C70AB** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **8FAB70**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **C2A4E3**, and **594076** is the 20% darker color. If you saturate the color by 10%, you get **835FAB**, and if you desaturate by 10%, it is **9581AB**.

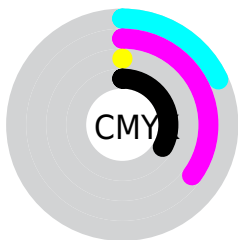
Distribution



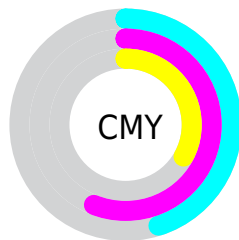
- Red (55%)
- Green (44%)
- Blue (67%)



- Red (55%)
- Yellow (44%)
- Blue (67%)



- Cyan (18%)
- Magenta (35%)
- Yellow (0%)
- Black (33%)



- Cyan (45%)
- Magenta (56%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C70AB 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 8C70AB by changing the saturation by 10% instead.

8C70AB

8C70AB

FFFFFF

725790

C2A4E3

594076

DFBFFF

40295E

FBDBFF

291446

FFF8FF

16002F

000119

000000

8C70AB

8C70AB

835FAB

9581AB

 7A4EAB

 9E92AB

 713DAB

 A7A3AB

 682CAB

 B0B4AB

 5F1AAB

 B9C5AB

 5609AB

 C2D7AB

 5100AB

 CBE8AB

 D4F9AB

 DDFAB

Harmonies

Analogous

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



5D7CB8



8C70AB



AA6692

Triad

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



8C70AB



A07342



008C85

Complementary

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



8C70AB



8FAB70

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.



3A8A66



8C70AB



857D3E

Square

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



8C70AB



B26856



64854B



008AA2

Rectangle

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



8C70AB



B4637D



64854B



038C7B

Sweetspot

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



8C70AB



D2C8DE



708FAB



696370



F0F0F0



707070

Same Dimension

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



8C70AB



AE83DE



A970AB



524E57



470096



0B0017

Inverse Universe

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



AB708F



DE83B3



72AB70



574E53



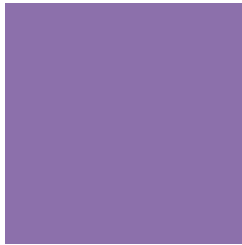
96004F



17000C

Previews

White Background



This preview shows how the Hex color 8C70AB looks on a white background.

Color Contrast Check

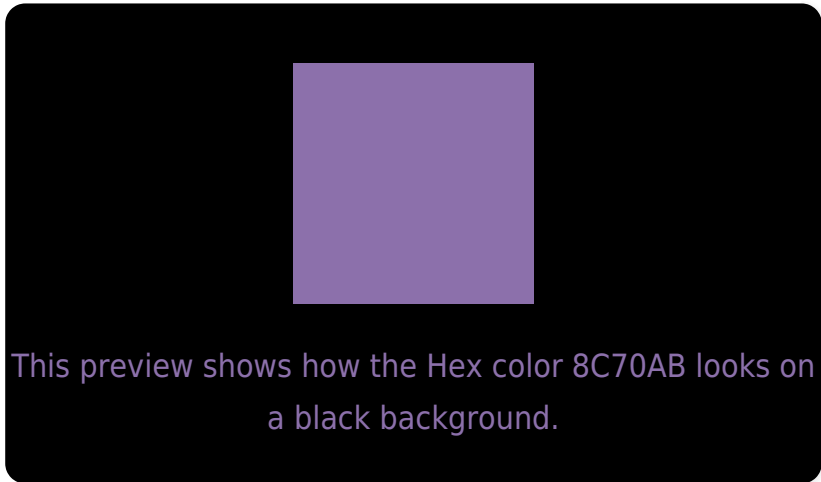
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C70AB Background



This preview shows how black text looks on a background with the Hex color 8C70AB.

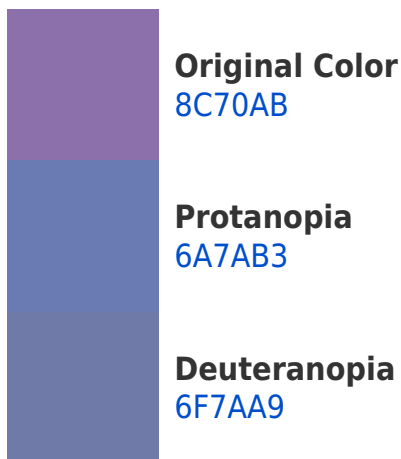


This preview shows how white text looks on a background with the Hex color 8C70AB.

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](#).

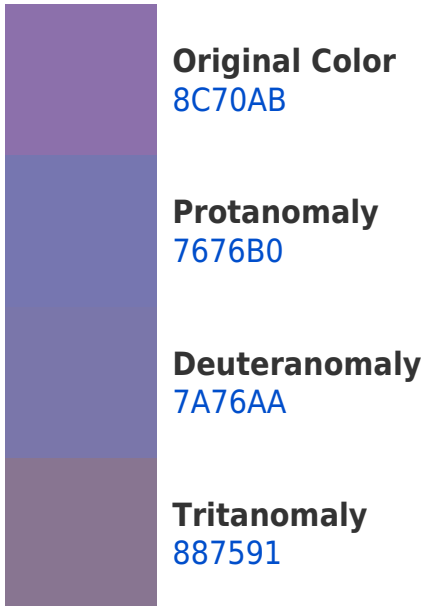
Dichromacy



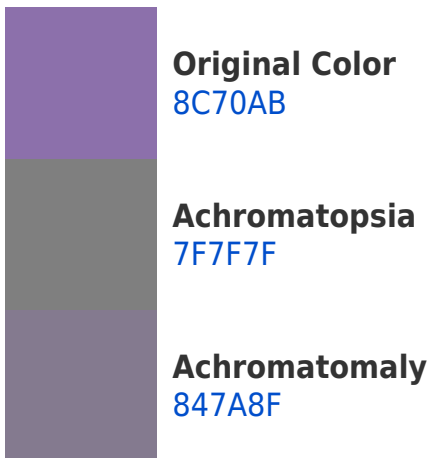


Tritanopia
857882

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8C70AB 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 #8C70AB looks like.

```
.text, #text, p{  
    color:#8C70AB  
}
```

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 #8C70AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C70AB
}
```

Border

The CSS property to change the border of an element to Hex 8C70AB 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
#8C70AB }
```

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

```
.border{ border-color:#8C70AB }
```

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

Here you see how a box with a 4 pixel #8C70AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C70AB; -webkit-box-shadow:4px 4px  
4px 4px #8C70AB; box-shadow:4px 4px 4px  
4px #8C70AB }
```

Background

The CSS property to change the background color of an element to Hex 8C70AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C70AB }
```

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

```
.background{ background-color:#8C70AB }
```

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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