

# Converting Colors

Hex(8C71AF)

Have a look what the booklet for  
Hex(8C71AF) contains.

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# Color

**Hex(8C71AF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C71AF
RGB	140, 113, 175
RGB Percent	55%, 44%, 69%
CMY	0.4510, 0.5569, 0.3137
CMYK	0.20, 0.35, 0.00, 0.31
HSL	266°, 28%, 56%
HSV	266°, 35%, 69%
XYZ	24.4582, 20.4808, 43.2216
YIQ	128.1410, -3.8100, 25.0060

# Conversions

## Conversions Part 2

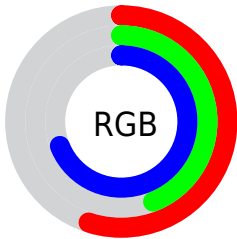
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 113, 175
Decimal	9204143
CIE <sub>Lab</sub>	52.38, 23.30, -29.10
CIE <sub>LCh</sub>	52, 37.276, 308.690
Yxy	20.4808, 0.2774, 0.2323
Android (android.graphics.Color)	4287394223 (0xFF8C71AF)
YUV	128.1410, 23.1015, 10.4003
Hunter-Lab	45.2558, 17.2716, -24.9459

# Details

The Hex color **8C71AF** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **94AF71**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **C2A5E7**, and **59417A** is the 20% darker color. If you saturate the color by 10%, you get **8260AF**, and if you desaturate by 10%, it is **9683AF**.

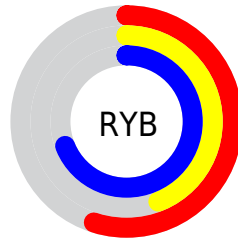
# Distribution



Red (55%)

Green (44%)

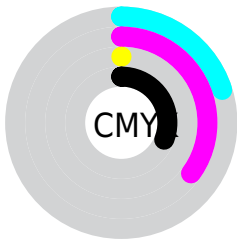
Blue (69%)



Red (55%)

Yellow (44%)

Blue (69%)

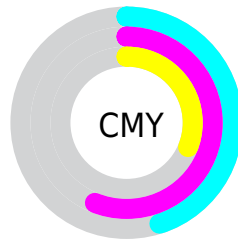


Cyan (20%)

Magenta (35%)

Yellow (0%)

Black (31%)



Cyan (45%)

Magenta (56%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C71AF 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 8C71AF by changing the saturation by 10% instead.



8C71AF

8C71AF

FFFFFF

725894

C2A5E7

59417A

DFC0FF

402A61

FCDCFF

281549

FFF9FF

150032

00021C

000000

8C71AF

8C71AF

8260AF

9683AF

784EAF

A094AF

6E3CAF

AAA6AF

642BAF

B4B7AF

5B19AF

BDC9AF

5108AF

C7DAAF

4C00AF

D1EBAF

DBFDAF

E5FFAF

# Harmonies

## Analogous

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



5A7DBC



8C71AF



AC6695

# Triad

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



8C71AF



A37341



008E86

# Complementary

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



8C71AF



94AF71

# 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.



398C65



8C71AF



887E3C

# Square

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



8C71AF



B56857



658749



008CA4

# Rectangle

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



8C71AF



B76380



658749



008D7A



# Sweetspot

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



8C71AF



D5CAE3



7194AF



6A6473



F2F2F2



737373



# Same Dimension

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



8C71AF



AC81E3



AB71AF



524E57



420096



0A0017



# Inverse Universe

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



AF7194



E381B8



75AF71



574E53



960055

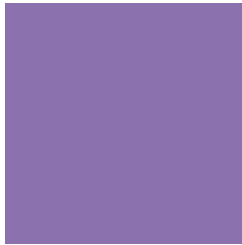


17000D



# Previews

## White Background



This preview shows how the Hex color 8C71AF looks on a white background.

## Color Contrast Check

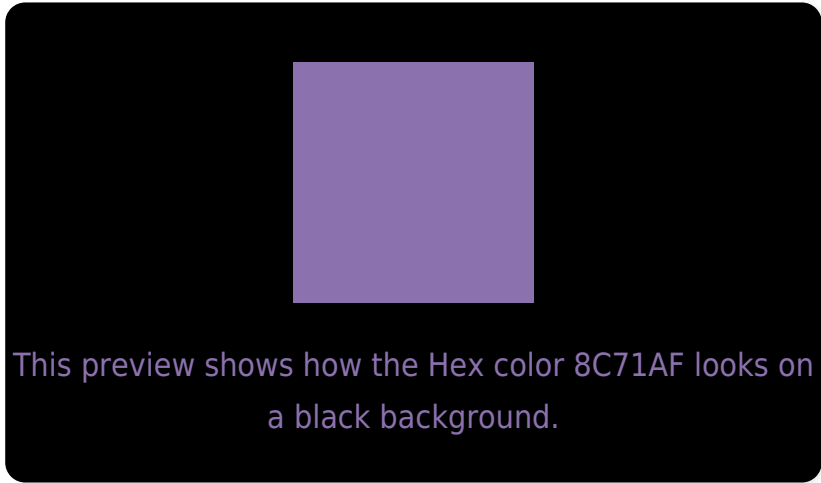
Large Text (above 18pt) WCAG AA ✓ Pass

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

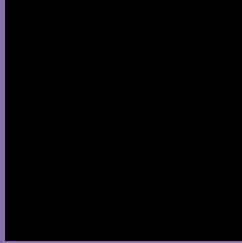
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C71AF Background



This preview shows how black text looks on a background with the Hex color 8C71AF.

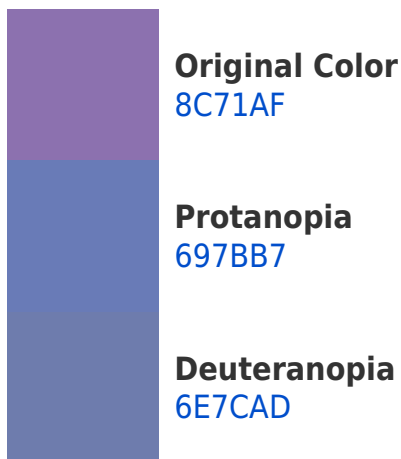


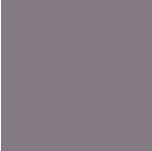
This preview shows how white text looks on a background with the Hex color 8C71AF.

# 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](#).

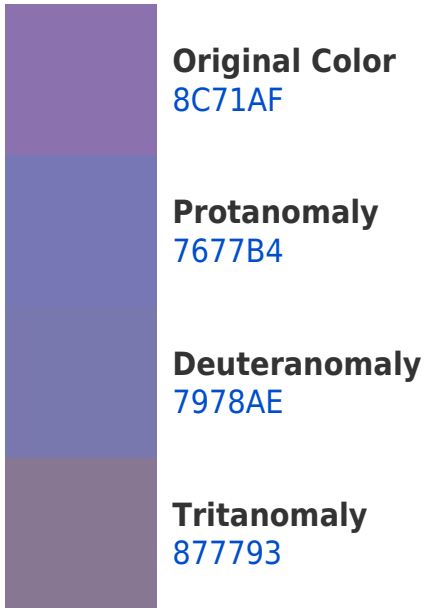
## Dichromacy



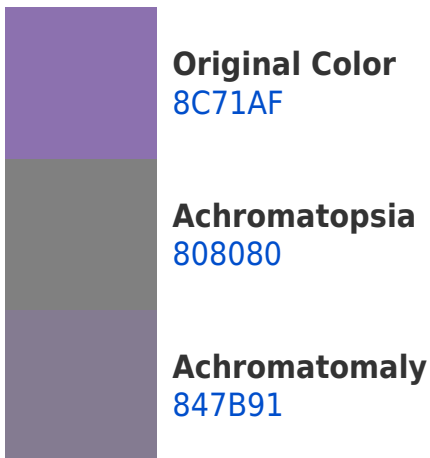


**Tritanopia**  
847A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C71AF 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 #8C71AF looks like.

```
.text, #text, p{  
    color:#8C71AF  
}
```

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 #8C71AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C71AF  
}
```

## Border

The CSS property to change the border of an element to Hex 8C71AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

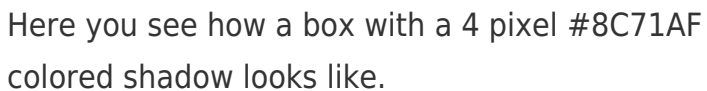
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8C71AF }
```

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

```
.border{ border-color:#8C71AF }
```

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



Here you see how a box with a 4 pixel #8C71AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C71AF; -webkit-box-shadow:4px 4px  
4px 4px #8C71AF; box-shadow:4px 4px 4px  
4px #8C71AF }
```

# Background

The CSS property to change the background color of an element to Hex 8C71AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C71AF }
```

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

```
.background{ background-color:#8C71AF }
```

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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