

# Converting Colors

Hex(8A80AC)

Have a look what the booklet for  
Hex(8A80AC) contains.

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# Color

**Hex(8A80AC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A80AC
RGB	138, 128, 172
RGB Percent	54%, 50%, 67%
CMY	0.4588, 0.4980, 0.3255
CMYK	0.20, 0.26, 0.00, 0.33
HSL	254°, 21%, 59%
HSV	254°, 26%, 67%
XYZ	25.6468, 23.8202, 42.2757
YIQ	136.0060, -8.1640, 15.8040

# Conversions

## Conversions Part 2

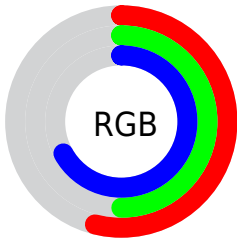
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 128, 172
Decimal	9076908
CIE <sub>Lab</sub>	55.91, 13.15, -21.93
CIE <sub>LCh</sub>	56, 25.570, 300.957
Yxy	23.8202, 0.2796, 0.2596
Android (android.graphics.Color)	4287266988 (0xFF8A80AC)
YUV	136.0060, 17.7450, 1.7487
Hunter-Lab	48.8059, 8.3888, -17.1929

# Details

The Hex color **8A80AC** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A2AC80**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **C0B5E4**, and **574F78** is the 20% darker color. If you saturate the color by 10%, you get **7D6FAC**, and if you desaturate by 10%, it is **9791AC**.

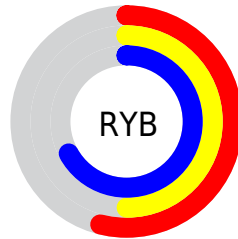
# Distribution



Red (54%)

Green (50%)

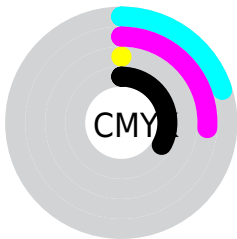
Blue (67%)



Red (54%)

Yellow (50%)

Blue (67%)

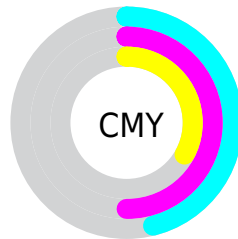


Cyan (20%)

Magenta (26%)

Yellow (0%)

Black (33%)



Cyan (46%)

Magenta (50%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A80AC 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 8A80AC by changing the saturation by 10% instead.



■ 8A80AC

■ 8A80AC

FFFFFF

■ 706791

■ C0B5E4

■ 574F78

■ DCD0FF

■ 3F385F

■ F9EDFF

■ 282347

■ 120E30

■ 00011B

■ 000000

■ 8A80AC

■ 8A80AC

■ 7D6FAC

■ 9791AC

6F5EAC

A5A2AC

624CAC

B2B4AC

553BAC

BFC5AC

482AAC

CCD6AC

3A19AC

DAE7AC

2D08AC

E7F8AC

2700AC

F4FFAC

FFFFAC

# Harmonies

## Analogous

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



6A88B2



8A80AC



A3799C

# Triad

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



8A80AC



A77D60



4B9286

# Complementary

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



8A80AC



A2AC80

# 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.



639070



8A80AC



95855A

# Square

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



8A80AC



B17770



7D8C5F



3E929C

# Rectangle

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



8A80AC



AD768E



7D8C5F



52927E



# Sweetspot

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



8A80AC



D3CEE0



80A2AC



686570



F0F0F0



707070



# Same Dimension

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



8A80AC



AB9BE0



A080AC



504E57



220096



050017



# Inverse Universe

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



AC80A2



E09BD1



8CAC80



574E55



960074



170012



# Previews

## White Background



This preview shows how the Hex color 8A80AC looks on a white background.

## Color Contrast Check

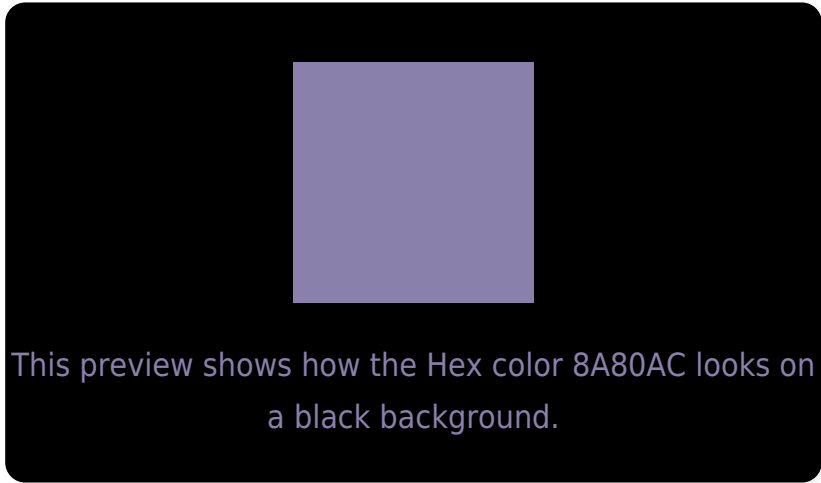
Large Text (above 18pt) WCAG AA ✓ Pass

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

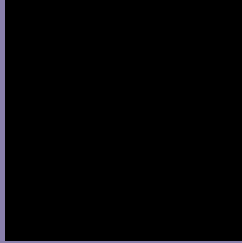
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A80AC Background



This preview shows how black text looks on a background with the Hex color 8A80AC.

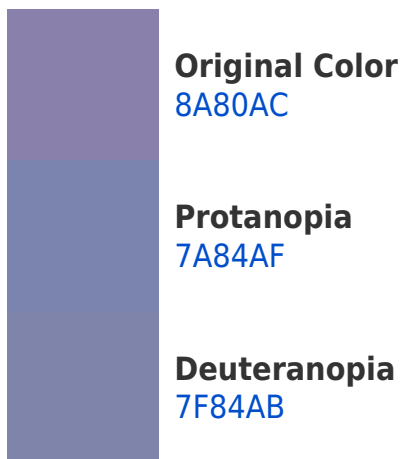


This preview shows how white text looks on a background with the Hex color 8A80AC.

# 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](#).

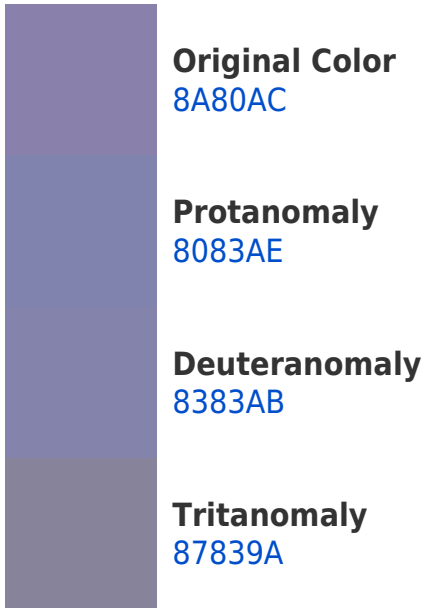
## Dichromacy



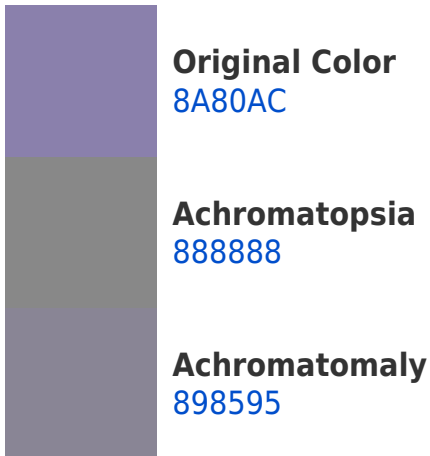


**Tritanopia**  
858590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A80AC 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 #8A80AC looks like.

```
.text, #text, p{  
    color:#8A80AC  
}
```

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 #8A80AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A80AC
}
```

## Border

The CSS property to change the border of an element to Hex 8A80AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

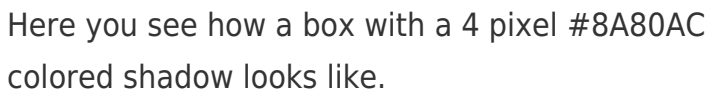
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A80AC }
```

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

```
.border{ border-color:#8A80AC }
```

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



Here you see how a box with a 4 pixel #8A80AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A80AC; -webkit-box-shadow:4px 4px  
4px 4px #8A80AC; box-shadow:4px 4px 4px  
4px #8A80AC }
```

# Background

The CSS property to change the background color of an element to Hex 8A80AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A80AC }
```

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

```
.background{ background-color:#8A80AC }
```

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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