

# Converting Colors

Hex(8B7AB0)

Have a look what the booklet for  
Hex(8B7AB0) contains.

<b>Hex(8B7AB0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(8B7AB0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B7AB0
RGB	139, 122, 176
RGB Percent	55%, 48%, 69%
CMY	0.4549, 0.5216, 0.3098
CMYK	0.21, 0.31, 0.00, 0.31
HSL	259°, 25%, 58%
HSV	259°, 31%, 69%
XYZ	25.4435, 22.5426, 44.0844
YIQ	133.2390, -7.2020, 20.3980

# Conversions

## Conversions Part 2

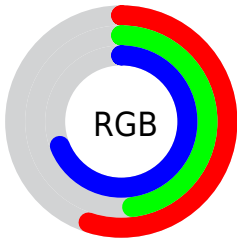
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 122, 176
Decimal	9140912
CIE <sub>Lab</sub>	54.60, 17.94, -26.24
CIE <sub>LCh</sub>	55, 31.784, 304.363
Yxy	22.5426, 0.2763, 0.2448
Android (android.graphics.Color)	4287330992 (0xFF8B7AB0)
YUV	133.2390, 21.0812, 5.0524
Hunter-Lab	47.4791, 12.5676, -21.8156

# Details

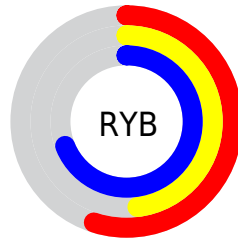
The Hex color **8B7AB0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9FB07A**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **C1AEE8**, and **58497B** is the 20% darker color. If you saturate the color by 10%, you get **7F68B0**, and if you desaturate by 10%, it is **978CB0**.

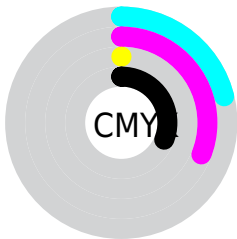
# Distribution



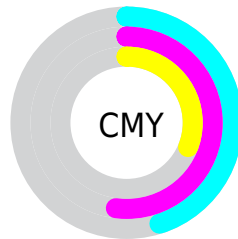
- Red (55%)
- Green (48%)
- Blue (69%)



- Red (55%)
- Yellow (48%)
- Blue (69%)



- Cyan (21%)
- Magenta (31%)
- Yellow (0%)
- Black (31%)



- Cyan (45%)
- Magenta (52%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B7AB0 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 8B7AB0 by changing the saturation by 10% instead.



8B7AB0

8B7AB0

FFFFFF

716195

C1AEE8

58497B

DDCAFF

403362

FAE6FF

281D4A

120633

00021E

000000

8B7AB0

8B7AB0

7F68B0

978CB0

7357B0

A39DB0

6745B0

AFAFB0

5B34B0

BBC0B0

4F22B0

C7D2B0

4310B0

D3E4B0

3700B0

DFF5B0

EBFFB0

F8FFB0

# Harmonies

## Analogous

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



6184B9



8B7AB0



A9719B

# Triad

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



8B7AB0



A87952



2A9186

# Complementary

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



8B7AB0



9FB07A

# 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.



528F6A



8B7AB0



91824B

# Square

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



8B7AB0



B67065



738A54



0090A1

# Rectangle

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



8B7AB0



B46E89



738A54



38917C



# Sweetspot

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



8B7AB0



D7D1E6



7AA0B0



6A6673



F2F2F2



737373



# Same Dimension

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



8B7AB0



AB91E6



A57AB0



535059



300099



08001A



# Inverse Universe

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



B07A9F



E691CB



85B07A



595056



990069

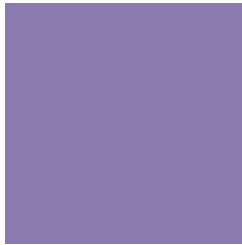


1A0011



# Previews

## White Background



This preview shows how the Hex color 8B7AB0 looks on a white background.

## Color Contrast Check

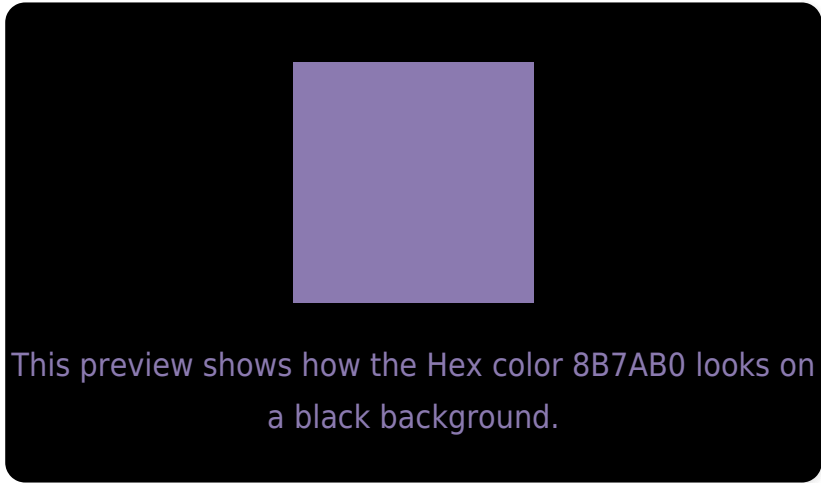
Large Text (above 18pt) WCAG AA ✓ Pass

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

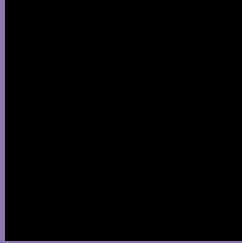
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8B7AB0 Background



This preview shows how black text looks on a background with the Hex color 8B7AB0.

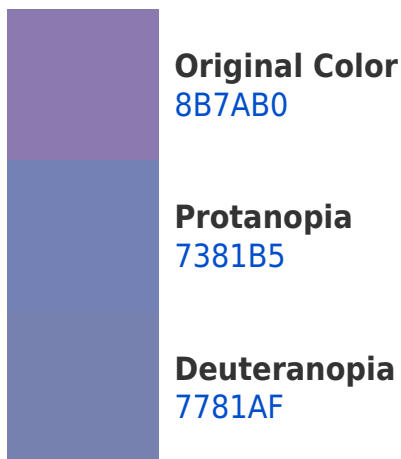


This preview shows how white text looks on a background with the Hex color 8B7AB0.

# 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**  
84818B

# Trichromacy



**Original Color**  
8B7AB0

**Protanomaly**  
7C7EB3

**Deuteranomaly**  
7E7EAF

**Tritanomaly**  
877E98

# Monochromacy



**Original Color**  
8B7AB0

**Achromatopsia**  
858585

**Achromatomaly**  
878195

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B7AB0 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 #8B7AB0 looks like.

```
.text, #text, p{  
    color:#8B7AB0  
}
```

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 #8B7AB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B7AB0
}
```

## Border

The CSS property to change the border of an element to Hex 8B7AB0 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
#8B7AB0 }
```

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

```
.border{ border-color:#8B7AB0 }
```

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

Here you see how a box with a 4 pixel #8B7AB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B7AB0; -webkit-box-shadow:4px 4px  
4px 4px #8B7AB0; box-shadow:4px 4px 4px  
4px #8B7AB0 }
```

# Background

The CSS property to change the background color of an element to Hex 8B7AB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B7AB0 }
```

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

```
.background{ background-color:#8B7AB0 }
```

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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