

# Converting Colors

Hex(8A7DBB)

Have a look what the booklet for  
Hex(8A7DBB) contains.

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# Color

**Hex(8A7DBB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A7DBB
RGB	138, 125, 187
RGB Percent	54%, 49%, 73%
CMY	0.4588, 0.5098, 0.2667
CMYK	0.26, 0.33, 0.00, 0.27
HSL	253°, 31%, 61%
HSV	253°, 33%, 73%
XYZ	26.7845, 23.6584, 50.1685
YIQ	135.9550, -12.1540, 22.0380

# Conversions

## Conversions Part 2

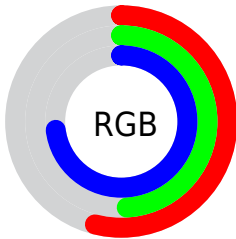
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">138, 125, 187</a>
Decimal	<a href="#">9076155</a>
CIELab	<a href="#">55.74, 18.57, -30.78</a>
CIELCh	<a href="#">56, 35.943, 301.099</a>
Yxy	<a href="#">23.6584, 0.2662, 0.2351</a>
Android (android.graphics.Color)	<a href="#">4287266235 (0xFF8A7DBB)</a>
YUV	<a href="#">135.9550, 25.1652, 1.7935</a>
Hunter-Lab	<a href="#">48.6399, 13.1748, -27.1055</a>

# Details

The Hex color **8A7DBB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AEBB7D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **C1B2F3**, and **564C85** is the 20% darker color. If you saturate the color by 10%, you get **7B6ABB**, and if you desaturate by 10%, it is **9990BB**.

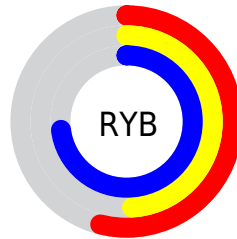
# Distribution



Red (54%)

Green (49%)

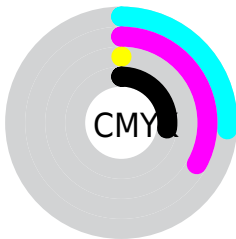
Blue (73%)



Red (54%)

Yellow (49%)

Blue (73%)

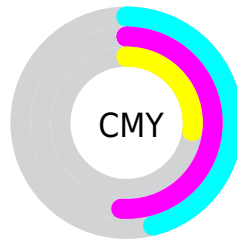


Cyan (26%)

Magenta (33%)

Yellow (0%)

Black (27%)



Cyan (46%)

Magenta (51%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A7DBB 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 8A7DBB by changing the saturation by 10% instead.



■ 8A7DBB

■ 8A7DBB

FFFFFF

■ 7064A0

■ C1B2F3

■ 564C85

■ DDCDFE

■ 3E356C

■ FAE9FF

■ 252053

■ 0C0B3C

■ 000226

■ 00010E

■ 000000

■ 8A7DBB

■ 8A7DBB

 7B6ABB

 9990BB

 6C58BB

 A8A2BB

 5E45BB

 B6B5BB

 4F32BB

 C5C8BB

 401FBB

 D4DBBB

 310DBB

 E3EDBB

 2700BB

 F1FFBB

 FFFFBB

# Harmonies

## Analogous

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



5688C4



8A7DBB



AD72A4

# Triad

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



8A7DBB



B17950



179686

# Complementary

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



8A7DBB



AE7B7D

# 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.



519366



8A7DBB



988446

# Square

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



8A7DBB



C07067



788D4F



0095A5

# Rectangle

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



8A7DBB



BB6D90



788D4F



30957B



# Sweetspot

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



8A7DBB



DFDAF2



7DAFBB



6F6C7A



FAFAFA



7A7A7A



# Same Dimension

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



8A7DBB



A691F2



A87DBB



57555E



21009E



06001F



# Inverse Universe

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



BB7DAE



F291DE



90BB7D



5E555C



9E007D



1F0018



# Previews

## White Background



This preview shows how the Hex color 8A7DBB 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 8A7DBB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

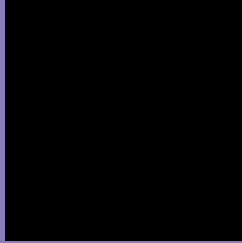
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A7DBB Background



This preview shows how black text looks on a background with the Hex color 8A7DBB.



This preview shows how white text looks on a background with the Hex color 8A7DBB.

# 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



**Original Color**  
8A7DBB

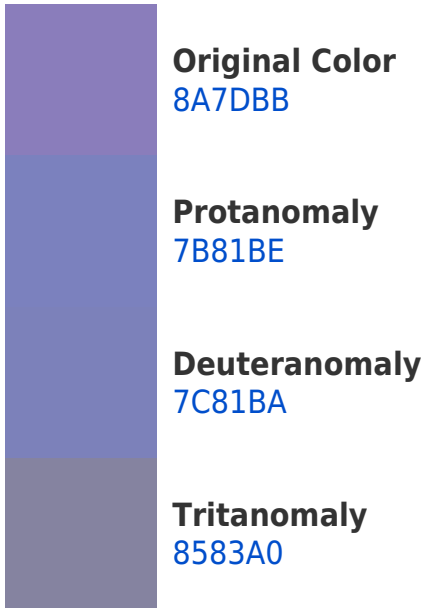
**Protanopia**  
7284C0

**Deuteranopia**  
7484BA

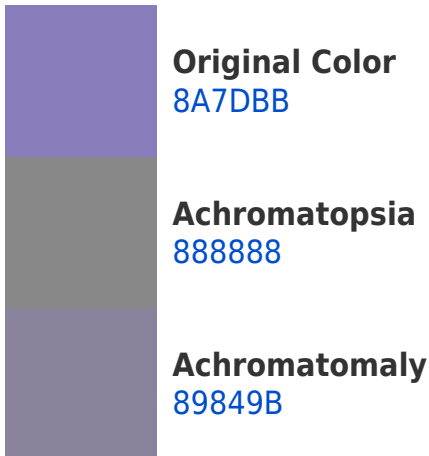


**Tritanopia**  
828690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A7DBB 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 #8A7DBB looks like.

```
.text, #text, p{  
    color:#8A7DBB  
}
```

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 #8A7DBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A7DBB
}
```

## Border

The CSS property to change the border of an element to Hex 8A7DBB 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
#8A7DBB }
```

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

```
.border{ border-color:#8A7DBB }
```

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

Here you see how a box with a 4 pixel #8A7DBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A7DBB; -webkit-box-shadow:4px 4px  
4px 4px #8A7DBB; box-shadow:4px 4px 4px  
4px #8A7DBB }
```

# Background

The CSS property to change the background color of an element to Hex 8A7DBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A7DBB }
```

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

```
.background{ background-color:#8A7DBB }
```

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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