

Converting Colors

Hex(8A87BB)

Have a look what the booklet for
Hex(8A87BB) contains.

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Color

Hex(8A87BB)

Conversions

Conversions Part 1

Format	Color
Hex	8A87BB
RGB	138, 135, 187
RGB Percent	54%, 53%, 73%
CMY	0.4588, 0.4706, 0.2667
CMYK	0.26, 0.28, 0.00, 0.27
HSL	243°, 28%, 63%
HSV	243°, 28%, 73%
XYZ	28.1148, 26.3191, 50.6120
YIQ	141.8250, -14.9040, 16.8080

Conversions

Conversions Part 2

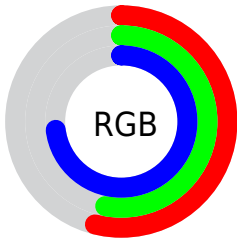
Format	Color
RYB	138, 135, 187
Decimal	9078715
CIELab	58.34, 12.72, -26.76
CIELCh	58, 29.627, 295.429
Yxy	26.3191, 0.2676, 0.2505
Android (android.graphics.Color)	4287268795 (0xFF8A87BB)
YUV	141.8250, 22.2713, -3.3545
Hunter-Lab	51.3021, 8.0438, -22.5809

Details

The Hex color **8A87BB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B8BB87**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **C0BCF3**, and **575586** is the 20% darker color. If you saturate the color by 10%, you get **7874BB**, and if you desaturate by 10%, it is **9C9ABB**.

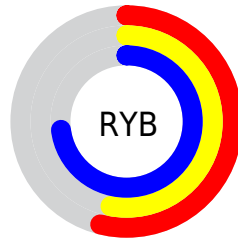
Distribution



Red (54%)

Green (53%)

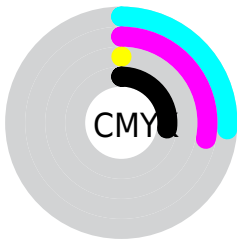
Blue (73%)



Red (54%)

Yellow (53%)

Blue (73%)

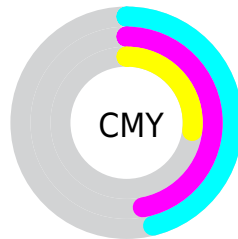


Cyan (26%)

Magenta (28%)

Yellow (0%)

Black (27%)



Cyan (46%)

Magenta (47%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A87BB 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 8A87BB by changing the saturation by 10% instead.



8A87BB



8A87BB

FFFFFF



706EA0



C0BCF3



575586



DDD8FF



3E3E6C



F9F4FF



262854



0D143C



000026



00010F



000000



8A87BB



8A87BB

7874BB

9C9ABB

6762BB

ADACBB

554FBB

BFBFBB

443CBB

D0D2BB

322ABB

E2E4BB

2017BB

F4F7BB

0F04BB

FFFFBB

0B00BB

Harmonies

Analogous

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



6290C0



8A87BB



A97EAA

Triad

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



8A87BB



B58062



499A87

Complementary

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



8A87BB



B8BB87

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.



69976E



8A87BB



A28958

Square

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



8A87BB



BF7A77



87915D



309AA2

Rectangle

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



8A87BB



B77A9A



87915D



54997E

Sweetspot

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



8A87BB



E0DFF2



87B8BB



6F6E7A



FAFAFA



7A7A7A

Same Dimension

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



8A87BB



A7A2F2



A487BB



5555E



09009E



02001F

Inverse Universe

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



BB87B8



F2A2EE



9EBB87



5E555E



9E0095



1F001D

Previews

White Background



This preview shows how the Hex color 8A87BB looks on a white background.

Color Contrast Check

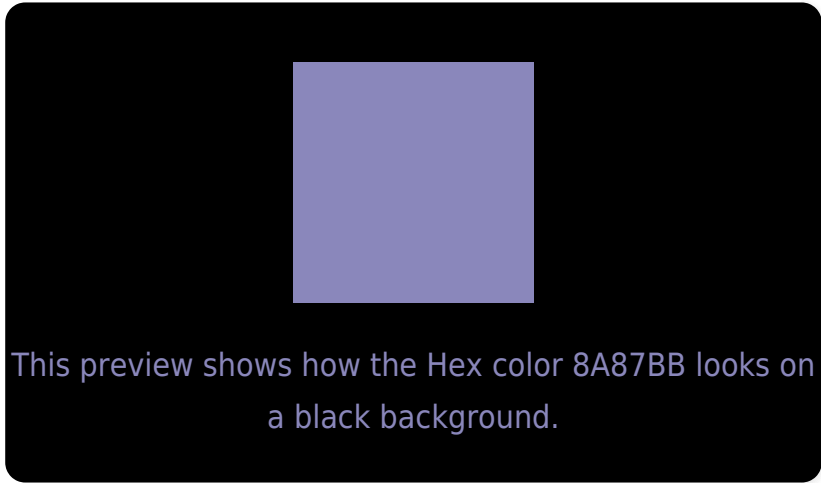
Large Text (above 18pt) WCAG AA ✓ Pass

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

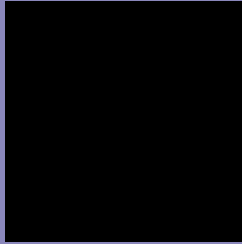
Any Text WCAG AA ✓ Pass

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 8A87BB Background



This preview shows how black text looks on a background with the Hex color 8A87BB.



This preview shows how white text looks on a background with the Hex color 8A87BB.

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
8A87BB

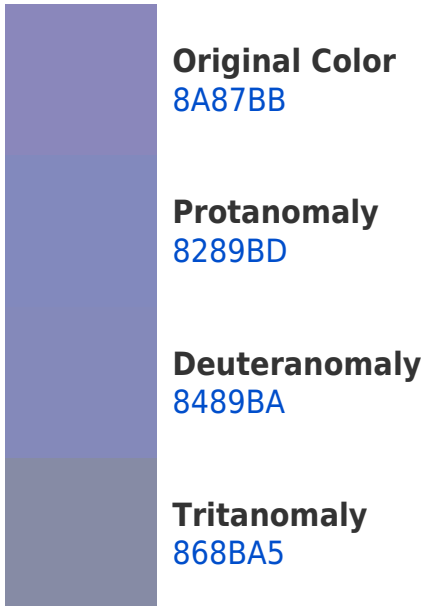
Protanopia
7D8ABE

Deuteranopia
808ABA

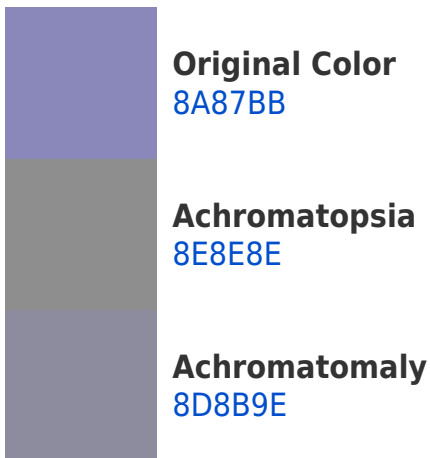


Tritanopia
838D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A87BB 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 #8A87BB looks like.

```
.text, #text, p{  
    color:#8A87BB  
}
```

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 #8A87BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A87BB  
}
```

Border

The CSS property to change the border of an element to Hex 8A87BB is called "border". The border property can be set on classes, ids or directly on the HTML element.

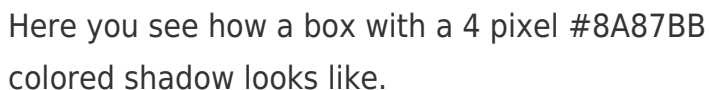
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8A87BB }
```

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

```
.border{ border-color:#8A87BB }
```

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



Here you see how a box with a 4 pixel #8A87BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A87BB; -webkit-box-shadow:4px 4px  
4px 4px #8A87BB; box-shadow:4px 4px 4px  
4px #8A87BB }
```

Background

The CSS property to change the background color of an element to Hex 8A87BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A87BB }
```

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

```
.background{ background-color:#8A87BB }
```

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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