

Converting Colors

Hex(8B72B3)

Have a look what the booklet for
Hex(8B72B3) contains.

Hex(8B72B3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8B72B3)

Conversions

Conversions Part 1

Format	Color
Hex	8B72B3
RGB	139, 114, 179
RGB Percent	55%, 45%, 70%
CMY	0.4549, 0.5529, 0.2980
CMYK	0.22, 0.36, 0.00, 0.30
HSL	263°, 30%, 57%
HSV	263°, 36%, 70%
XYZ	24.8015, 20.7783, 45.3513
YIQ	128.8850, -5.9650, 25.5150

Conversions

Conversions Part 2

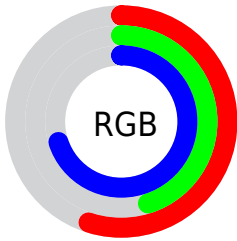
Format	Color
R_{YB}	139, 114, 179
Decimal	9138867
CIE _{Lab}	52.71, 23.36, -30.90
CIE _{LCh}	53, 38.740, 307.089
Yxy	20.7783, 0.2728, 0.2285
Android (android.graphics.Color)	4287328947 (0xFF8B72B3)
YUV	128.8850, 24.7067, 8.8709
Hunter-Lab	45.5832, 17.3499, -27.0801

Details

The Hex color **8B72B3** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **9AB372**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **C2A6EB**, and **57427E** is the 20% darker color. If you saturate the color by 10%, you get **8060B3**, and if you desaturate by 10%, it is **9684B3**.

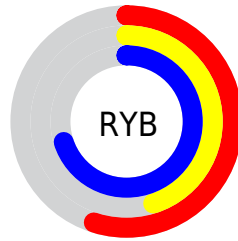
Distribution



Red (55%)

Green (45%)

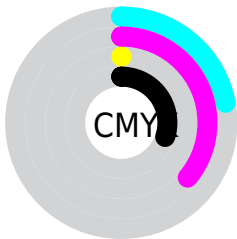
Blue (70%)



Red (55%)

Yellow (45%)

Blue (70%)

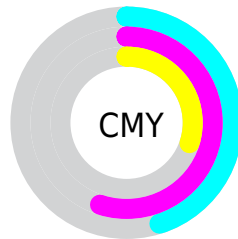


Cyan (22%)

Magenta (36%)

Yellow (0%)

Black (30%)



Cyan (45%)

Magenta (55%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B72B3 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 8B72B3 by changing the saturation by 10% instead.

■ 8B72B3

■ 8B72B3

FFFFFF

■ 715998

■ C2A6EB

■ 57427E

■ DEC1FF

■ 3F2B65

■ FBDDFF

■ 27164C

■ FFFAFF

■ 120035

■ 00021F

■ 000003

■ 000000

■ 8B72B3

■ 8B72B3

8060B3

9684B3

754EB3

A196B3

6A3CB3

ACA8B3

5F2AB3

B7BAB3

5419B3

C2CCB3

4907B3

CDDDB3

4500B3

D8EFB3

E3FFB3

EEFFB3

Harmonies

Analogous

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



557FC0



8B72B3



AD6698

Triad

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



8B72B3



A77340



008F85

Complementary

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



8B72B3



9AB372

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.



398D63



8B72B3



8A7E3A

Square

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



8B72B3



B96757



678747



008DA5

Rectangle

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



8B72B3



B96282



678747



008F79

Sweetspot

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



8B72B3



D8CFE8



729AB3



6C6675



F5F5F5



757575

Same Dimension

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



8B72B3



A982E8



AB72B3



545059



3B0099



0A001A

Inverse Universe

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



B3729A



E882C1



7AB372



595056



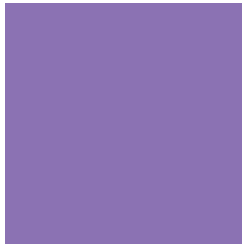
99005E



1A0010

Previews

White Background



This preview shows how the Hex color 8B72B3 looks on a white background.

Color Contrast Check

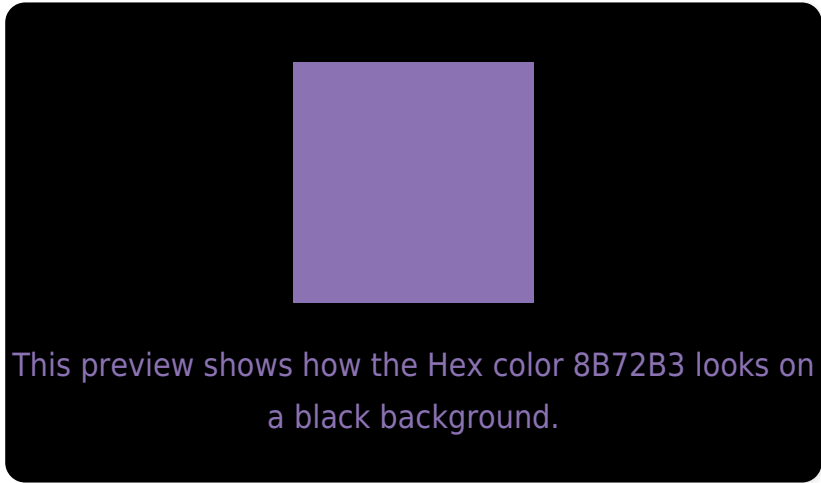
Large Text (above 18pt) WCAG AA ✓ Pass

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

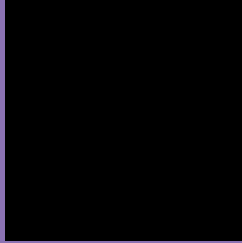
Any Text WCAG AA ✓ Pass

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 8B72B3 Background



This preview shows how black text looks on a background with the Hex color 8B72B3.

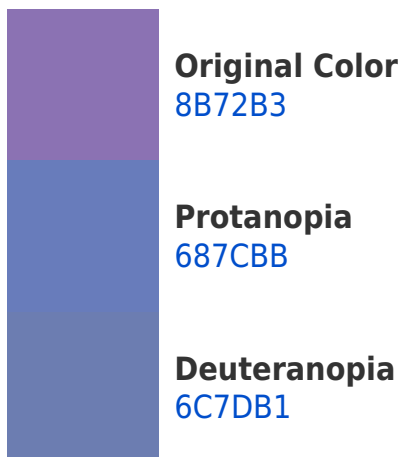


This preview shows how white text looks on a background with the Hex color 8B72B3.

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
837B85

Trichromacy



Original Color
8B72B3

Protanomaly
7578B8

Deuteranomaly
7779B2

Tritanomaly
867896

Monochromacy



Original Color
8B72B3

Achromatopsia
818181

Achromatomaly
857C93

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B72B3 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 #8B72B3 looks like.

```
.text, #text, p{  
    color:#8B72B3  
}
```

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 #8B72B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B72B3
}
```

Border

The CSS property to change the border of an element to Hex 8B72B3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

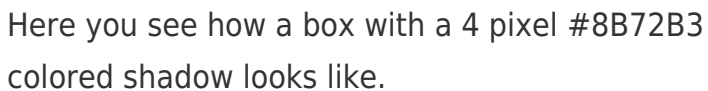
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B72B3 }
```

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

```
.border{ border-color:#8B72B3 }
```

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



Here you see how a box with a 4 pixel #8B72B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B72B3; -webkit-box-shadow:4px 4px  
4px 4px #8B72B3; box-shadow:4px 4px 4px  
4px #8B72B3 }
```

Background

The CSS property to change the background color of an element to Hex 8B72B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B72B3 }
```

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

```
.background{ background-color:#8B72B3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor