

Converting Colors

Hex(8A71B1)

Have a look what the booklet for
Hex(8A71B1) contains.

Hex(8A71B1)	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(8A71B1)

Conversions

Conversions Part 1

Format	Color
Hex	8A71B1
RGB	138, 113, 177
RGB Percent	54%, 44%, 69%
CMY	0.4588, 0.5569, 0.3059
CMYK	0.22, 0.36, 0.00, 0.31
HSL	263°, 29%, 57%
HSV	263°, 36%, 69%
XYZ	24.3222, 20.3879, 44.2483
YIQ	127.7710, -5.6440, 25.2040

Conversions

Conversions Part 2

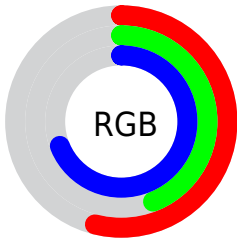
Format	Color
R_{YB}	138, 113, 177
Decimal	9073073
CIE _{Lab}	52.27, 23.16, -30.43
CIE _{LCh}	52, 38.239, 307.272
Yxy	20.3879, 0.2734, 0.2292
Android (android.graphics.Color)	4287263153 (0xFF8A71B1)
YUV	127.7710, 24.2699, 8.9708
Hunter-Lab	45.1529, 17.1336, -26.4951

Details

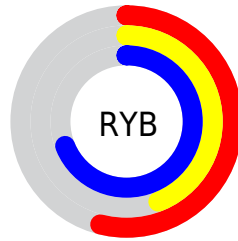
The Hex color **8A71B1** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **98B171**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **C0A5E9**, and **57417C** is the 20% darker color. If you saturate the color by 10%, you get **7F5FB1**, and if you desaturate by 10%, it is **9583B1**.

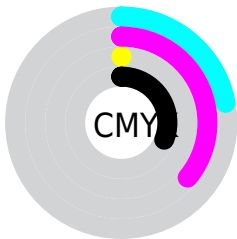
Distribution



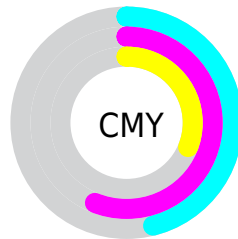
- Red (54%)
- Green (44%)
- Blue (69%)



- Red (54%)
- Yellow (44%)
- Blue (69%)



- Cyan (22%)
- Magenta (36%)
- Yellow (0%)
- Black (31%)



- Cyan (46%)
- Magenta (56%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A71B1 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 8A71B1 by changing the saturation by 10% instead.

8A71B1

8A71B1

FFFFFF

705896

C0A5E9

57417C

DDC0FF

3E2A63

FADCFF

26154B

FFF9FF

120034

00021E

000000

8A71B1

8A71B1

7F5FB1

9583B1

744EB1

A094B1

6A3CB1

AAA6B1

5F2AB1

B5B8B1

5418B1

C0CAB1

4907B1

CBDBB1

4500B1

D6EDB1

E0FFB1

EBFFB1

Harmonies

Analogous

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



557DBE



8A71B1



AC6697

Triad

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



8A71B1



A57240



008E84

Complementary

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



8A71B1



98B171

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.



398C62



8A71B1



897D3A

Square

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



8A71B1



B76757



668647



008CA3

Rectangle

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



8A71B1



B76281



668647



008D78

Sweetspot

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



8A71B1



D6CCE6



7198B1



6A6473



F2F2F2



737373

Same Dimension

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



8A71B1



A983E6



AA71B1



545059



3C0099



0A001A

Inverse Universe

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



B17198



E683BF



78B171



595056



99005D



1A0010

Previews

White Background



This preview shows how the Hex color 8A71B1 looks on a white background.

Color Contrast Check

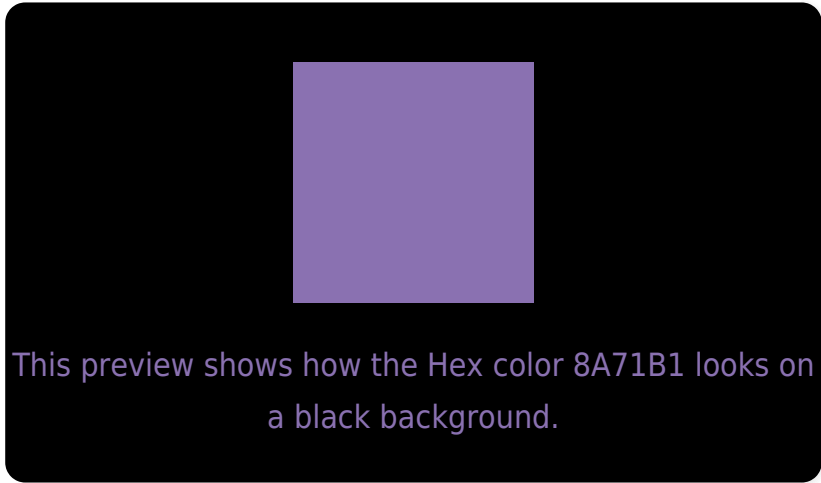
Large Text (above 18pt) WCAG AA ✓ Pass

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

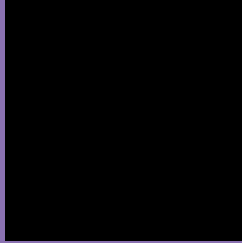
Any Text WCAG AA ✓ Pass

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 8A71B1 Background



This preview shows how black text looks on a background with the Hex color 8A71B1.

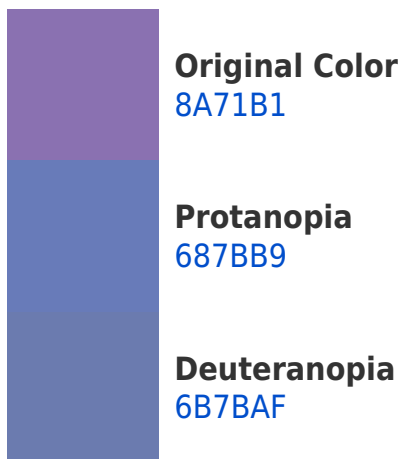



This preview shows how white text looks on a background with the Hex color 8A71B1.

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](#).

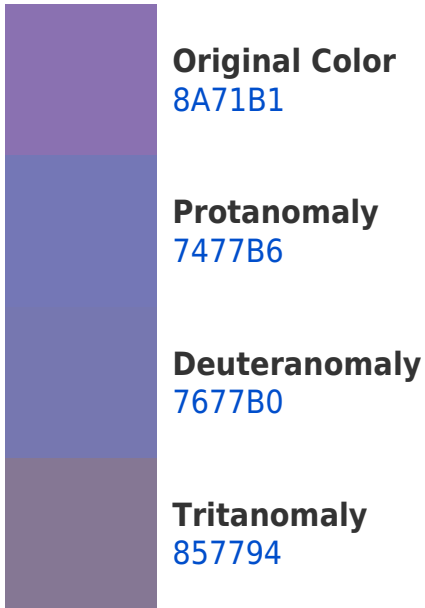
Dichromacy



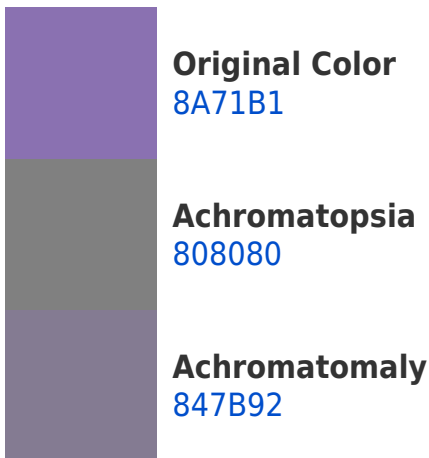


Tritanopia
827A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A71B1 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 #8A71B1 looks like.

```
.text, #text, p{  
    color:#8A71B1  
}
```

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 #8A71B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A71B1
}
```

Border

The CSS property to change the border of an element to Hex 8A71B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

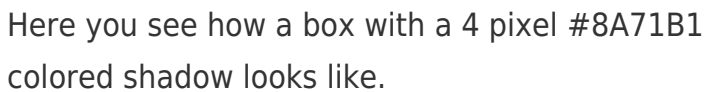
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A71B1 }
```

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

```
.border{ border-color:#8A71B1 }
```

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



Here you see how a box with a 4 pixel #8A71B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A71B1; -webkit-box-shadow:4px 4px  
4px 4px #8A71B1; box-shadow:4px 4px 4px  
4px #8A71B1 }
```

Background

The CSS property to change the background color of an element to Hex 8A71B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A71B1 }
```

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

```
.background{ background-color:#8A71B1 }
```

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