

Converting Colors

Hex(8A71B3)

Have a look what the booklet for
Hex(8A71B3) contains.

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Color

Hex(8A71B3)

Conversions

Conversions Part 1

Format	Color
Hex	8A71B3
RGB	138, 113, 179
RGB Percent	54%, 44%, 70%
CMY	0.4588, 0.5569, 0.2980
CMYK	0.23, 0.37, 0.00, 0.30
HSL	263°, 30%, 57%
HSV	263°, 37%, 70%
XYZ	24.5230, 20.4682, 45.3061
YIQ	127.9990, -6.2860, 25.8260

Conversions

Conversions Part 2

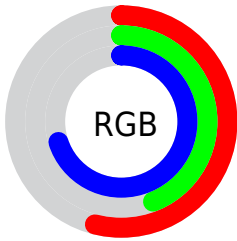
Format	Color
R_{YB}	138, 113, 179
Decimal	9073075
CIE _{Lab}	52.36, 23.64, -31.45
CIE _{LCh}	52, 39.342, 306.938
Yxy	20.4682, 0.2716, 0.2267
Android (android.graphics.Color)	4287263155 (0xFF8A71B3)
YUV	127.9990, 25.1435, 8.7709
Hunter-Lab	45.2418, 17.5817, -27.7050

Details

The Hex color **8A71B3** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **9AB371**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **C1A5EB**, and **56417E** is the 20% darker color. If you saturate the color by 10%, you get **7F5FB3**, and if you desaturate by 10%, it is **9583B3**.

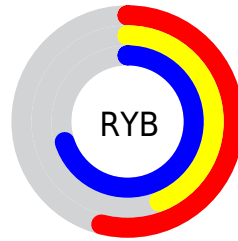
Distribution



Red (54%)

Green (44%)

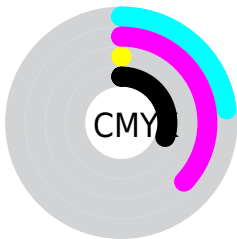
Blue (70%)



Red (54%)

Yellow (44%)

Blue (70%)

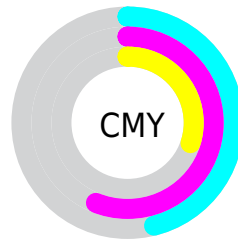


Cyan (23%)

Magenta (37%)

Yellow (0%)

Black (30%)



Cyan (46%)

Magenta (56%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A71B3 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 8A71B3 by changing the saturation by 10% instead.

■ 8A71B3

■ 8A71B3

FFFFFF

■ 705898

■ C1A5EB

■ 56417E

■ DDC0FF

■ 3E2A65

■ FADCFF

■ 25154C

■ FFF9FF

■ 110035

■ 00021F

■ 000003

■ 000000

■ 8A71B3

■ 8A71B3

7F5FB3

9583B3

744DB3

A095B3

693BB3

ABA7B3

5E29B3

B6B9B3

5217B3

C2CBB3

4706B3

CDDCB3

4400B3

D8EEB3

E3FFB3

EEFFB3

Harmonies

Analogous

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



527EC0



8A71B3



AD6598

Triad

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



8A71B3



A6723F



008E84

Complementary

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



8A71B3



9AB371

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.



378C61



8A71B3



8A7E38

Square

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



8A71B3



B96656



668745



008DA4

Rectangle

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



8A71B3



B96182



668745



008E78

Sweetspot

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



8A71B3



D8CFE8



719BB3



6C6675



F5F5F5



757575

Same Dimension

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



8A71B3



A982E8



AA71B3



545059



3A0099



0A001A

Inverse Universe

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



B3719A



E882C1



7AB371



595056



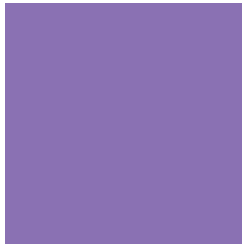
99005F



1A0010

Previews

White Background



This preview shows how the Hex color 8A71B3 looks on a white background.

Color Contrast Check

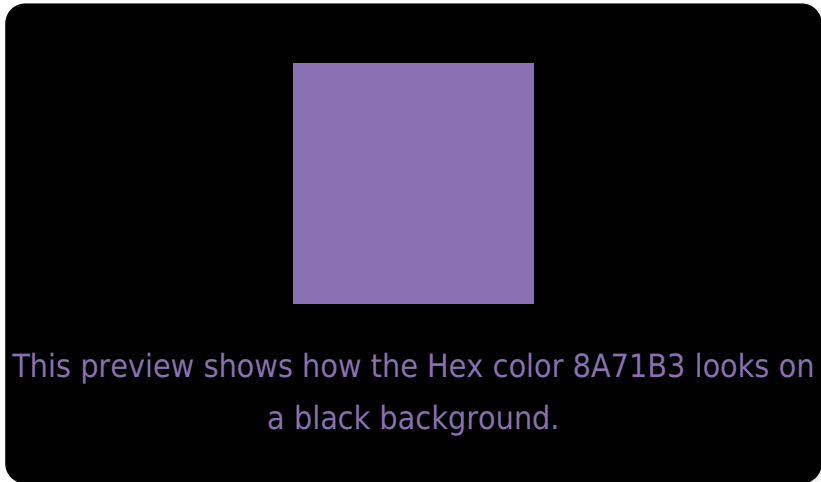
Large Text (above 18pt) WCAG AA ✓ Pass

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

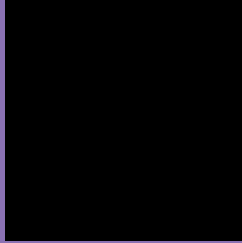
Any Text WCAG AA ✓ Pass

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 8A71B3 Background



This preview shows how black text looks on a background with the Hex color 8A71B3.

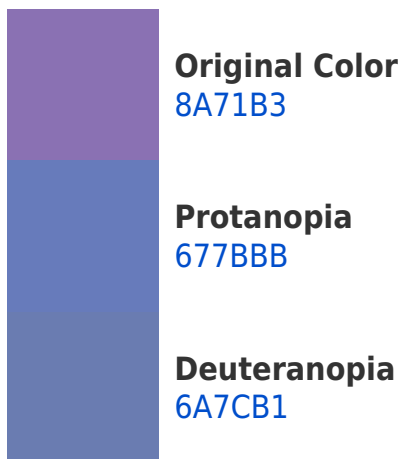


This preview shows how white text looks on a background with the Hex color 8A71B3.

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
827B84

Trichromacy



Original Color
8A71B3

Protanomaly
7477B8

Deuteranomaly
7678B2

Tritanomaly
857795

Monochromacy



Original Color
8A71B3

Achromatopsia
808080

Achromatomaly
847B93

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A71B3 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 #8A71B3 looks like.

```
.text, #text, p{  
    color:#8A71B3  
}
```

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 #8A71B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A71B3
}
```

Border

The CSS property to change the border of an element to Hex 8A71B3 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
#8A71B3 }
```

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

```
.border{ border-color:#8A71B3 }
```

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

Here you see how a box with a 4 pixel #8A71B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A71B3; -webkit-box-shadow:4px 4px  
4px 4px #8A71B3; box-shadow:4px 4px 4px  
4px #8A71B3 }
```

Background

The CSS property to change the background color of an element to Hex 8A71B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A71B3 }
```

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

```
.background{ background-color:#8A71B3 }
```

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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