

Converting Colors

Hex(8B71B2)

Have a look what the booklet for
Hex(8B71B2) contains.

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Color

Hex(8B71B2)

Conversions

Conversions Part 1

Format	Color
Hex	8B71B2
RGB	139, 113, 178
RGB Percent	55%, 44%, 70%
CMY	0.4549, 0.5569, 0.3020
CMYK	0.22, 0.37, 0.00, 0.30
HSL	264°, 30%, 57%
HSV	264°, 37%, 70%
XYZ	24.5885, 20.5136, 44.7830
YIQ	128.1840, -5.3690, 25.7270

Conversions

Conversions Part 2

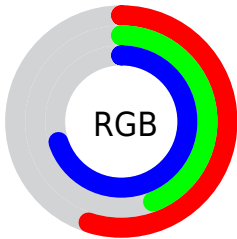
Format	Color
R_{YB}	139, 113, 178
Decimal	9138610
CIE _{Lab}	52.41, 23.71, -30.78
CIE _{LCh}	52, 38.854, 307.603
Yxy	20.5136, 0.2736, 0.2282
Android (android.graphics.Color)	4287328690 (0xFF8B71B2)
YUV	128.1840, 24.5593, 9.4856
Hunter-Lab	45.2919, 17.6448, -26.9195

Details

The Hex color **8B71B2** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **98B271**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **C2A5EA**, and **57417D** is the 20% darker color. If you saturate the color by 10%, you get **805FB2**, and if you desaturate by 10%, it is **9683B2**.

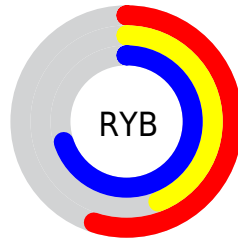
Distribution



Red (55%)

Green (44%)

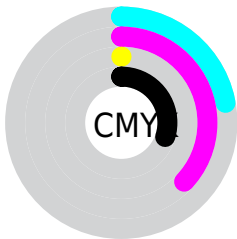
Blue (70%)



Red (55%)

Yellow (44%)

Blue (70%)

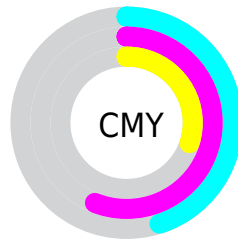


Cyan (22%)

Magenta (37%)

Yellow (0%)

Black (30%)



Cyan (45%)

Magenta (56%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B71B2 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 8B71B2 by changing the saturation by 10% instead.

■ 8B71B2

■ 8B71B2

FFFFFF

■ 715897

■ C2A5EA

■ 57417D

■ DEC0FF

■ 3F2A64

■ FBDCFF

■ 27154C

■ FFF9FF

■ 130035

■ 00021F

■ 000001

■ 000000

■ 8B71B2

■ 8B71B2

805FB2

9683B2

764DB2

A095B2

6B3CB2

ABA6B2

602AB2

B6B8B2

5618B2

C0CAB2

4B06B2

CBDCB2

4700B2

D6EEB2

E0FFB2

EBFFB2

Harmonies

Analogous

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



557EBF



8B71B2



AD6597

Triad

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



8B71B2



A6723F



008E85

Complementary

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



8B71B2



98B271

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.



378C62



8B71B2



897E39

Square

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



8B71B2



B86756



658746



008DA5

Rectangle

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



8B71B2



B96181



658746



008E79

Sweetspot

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



8B71B2



D9CFE8



7198B2



6C6675



F5F5F5



757575

Same Dimension

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



8B71B2



AB82E8



AC71B2



545059



3D0099



0A001A

Inverse Universe

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



B27198



E882BF



78B271



595056



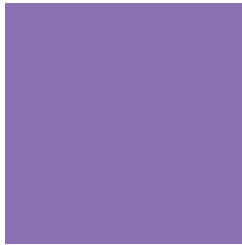
99005C



1A000F

Previews

White Background



This preview shows how the Hex color 8B71B2 looks on a white background.

Color Contrast Check

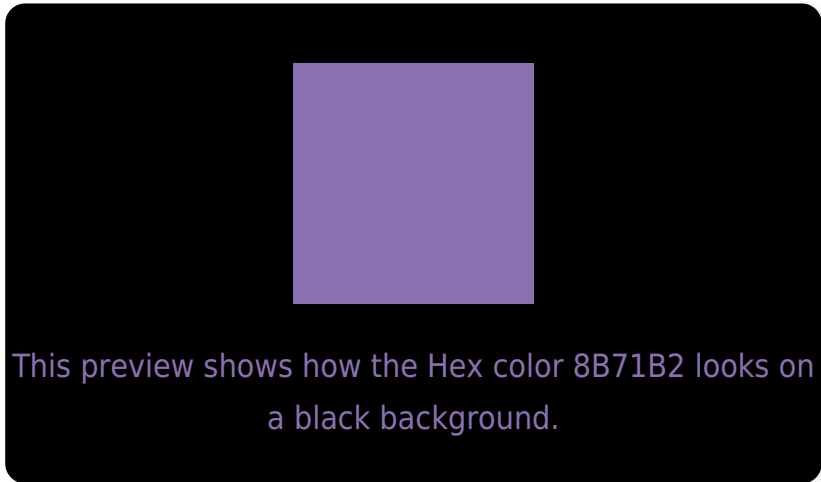
Large Text (above 18pt) WCAG AA ✓ Pass

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

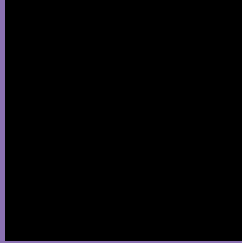
Any Text WCAG AA ✓ Pass

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 8B71B2 Background



This preview shows how black text looks on a background with the Hex color 8B71B2.

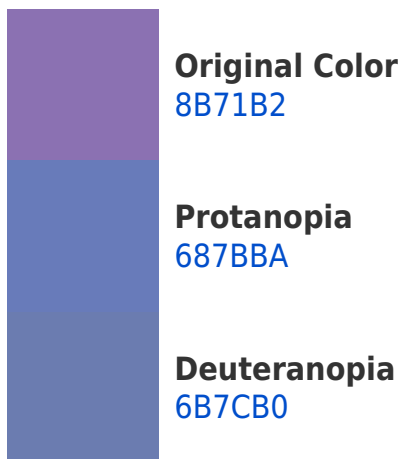


This preview shows how white text looks on a background with the Hex color 8B71B2.

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
837A84

Trichromacy



Original Color
8B71B2

Protanomaly
7577B7

Deuteranomaly
7778B1

Tritanomaly
867795

Monochromacy



Original Color
8B71B2

Achromatopsia
808080

Achromatomaly
847B92

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B71B2 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 #8B71B2 looks like.

```
.text, #text, p{  
    color:#8B71B2  
}
```

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 #8B71B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B71B2
}
```

Border

The CSS property to change the border of an element to Hex 8B71B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

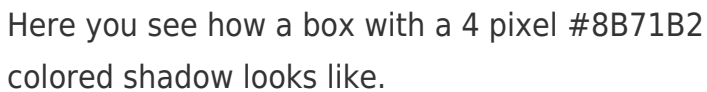
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B71B2 }
```

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

```
.border{ border-color:#8B71B2 }
```

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



Here you see how a box with a 4 pixel #8B71B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B71B2; -webkit-box-shadow:4px 4px  
4px 4px #8B71B2; box-shadow:4px 4px 4px  
4px #8B71B2 }
```

Background

The CSS property to change the background color of an element to Hex 8B71B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B71B2 }
```

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

```
.background{ background-color:#8B71B2 }
```

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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