

Converting Colors

Hex(8771B2)

Have a look what the booklet for
Hex(8771B2) contains.

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Color

Hex(8771B2)

Conversions

Conversions Part 1

Format	Color
Hex	8771B2
RGB	135, 113, 178
RGB Percent	53%, 44%, 70%
CMY	0.4706, 0.5569, 0.3020
CMYK	0.24, 0.37, 0.00, 0.30
HSL	260°, 30%, 57%
HSV	260°, 37%, 70%
XYZ	23.9327, 20.1755, 44.7524
YIQ	126.9880, -7.7530, 24.8790

Conversions

Conversions Part 2

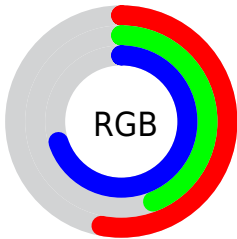
Format	Color
R_{YB}	135, 113, 178
Decimal	8876466
CIE _{Lab}	52.04, 22.48, -31.40
CIE _{LCh}	52, 38.617, 305.599
Yxy	20.1755, 0.2693, 0.2270
Android (android.graphics.Color)	4287066546 (0xFF8771B2)
YUV	126.9880, 25.1489, 7.0265
Hunter-Lab	44.9172, 16.5031, -27.6305

Details

The Hex color **8771B2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9CB271**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **BDA5EA**, and **54417D** is the 20% darker color. If you saturate the color by 10%, you get **7B5FB2**, and if you desaturate by 10%, it is **9383B2**.

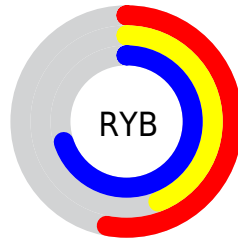
Distribution



Red (53%)

Green (44%)

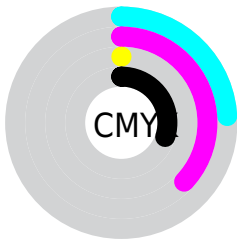
Blue (70%)



Red (53%)

Yellow (44%)

Blue (70%)

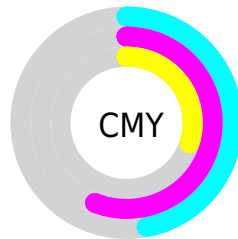


Cyan (24%)

Magenta (37%)

Yellow (0%)

Black (30%)



Cyan (47%)

Magenta (56%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8771B2 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 8771B2 by changing the saturation by 10% instead.

8771B2

8771B2

FFFFFF

6D5897

BDA5EA

54417D

DAC0FF

3B2A64

F6DCFF

23154B

FFF9FF

0F0035

00021E

000001

000000

8771B2

8771B2

7B5FB2

9383B2

6F4DB2

9F95B2

643CB2

AAA6B2

582AB2

B6B8B2

4C18B2

C2CAB2

4006B2

CEDCB2

3C00B2

D9EEB2

E5FFB2

F1FFB2

Harmonies

Analogous

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



507DBE



8771B2



AA6598

Triad

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



8771B2



A67140



008D81

Complementary

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



8771B2



9CB271

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.



3A8B60



8771B2



8A7C38

Square

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



8771B2



B76557



678544



008CA2

Rectangle

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



8771B2



B76182



678544



008D76

Sweetspot

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



8771B2



D7CFE8



719CB2



6B6675



F5F5F5



757575

Same Dimension

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



8771B2



A582E8



A771B2



535059



340099



09001A

Inverse Universe

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



B2719C



E882C5



7CB271



595056



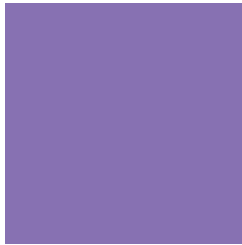
990065



1A0011

Previews

White Background



This preview shows how the Hex color 8771B2 looks on a white background.

Color Contrast Check

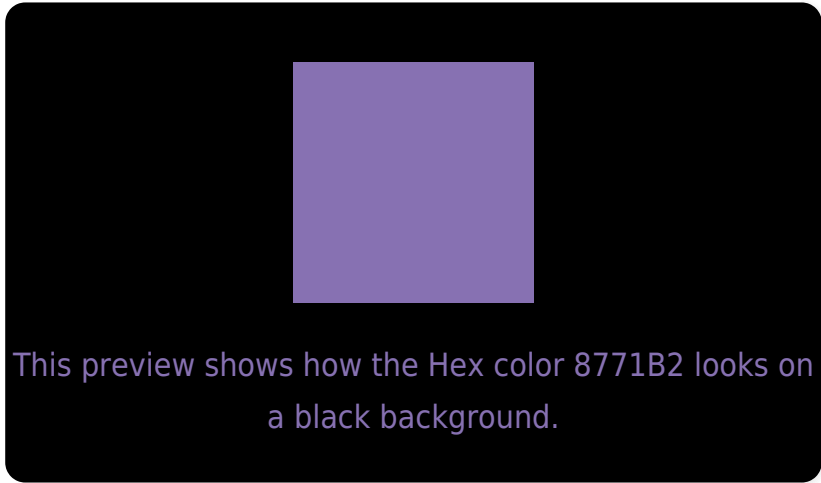
Large Text (above 18pt) WCAG AA ✓ Pass

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

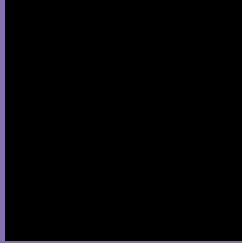
Any Text WCAG AA ✓ Pass

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 8771B2 Background



This preview shows how black text looks on a background with the Hex color 8771B2.

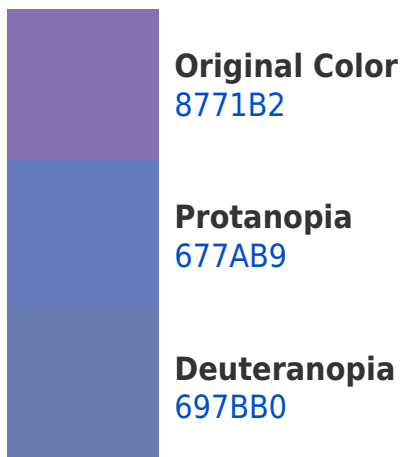



This preview shows how white text looks on a background with the Hex color 8771B2.

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
7F7A84

Trichromacy



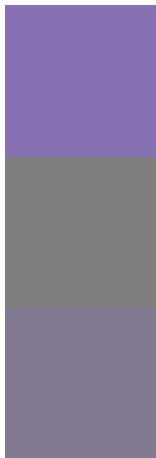
Original Color
8771B2

Protanomaly
7377B6

Deuteranomaly
7477B1

Tritanomaly
827795

Monochromacy



Original Color
8771B2

Achromatopsia
7F7F7F

Achromatomaly
827A92

CSS Examples

Text

The CSS property to change the color of the text to Hex 8771B2 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 #8771B2 looks like.

```
.text, #text, p{  
    color:#8771B2  
}
```

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 #8771B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8771B2
}
```

Border

The CSS property to change the border of an element to Hex 8771B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

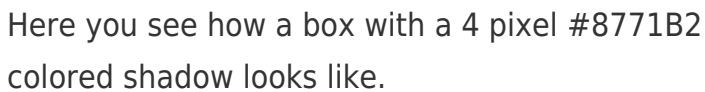
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8771B2 }
```

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

```
.border{ border-color:#8771B2 }
```

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



Here you see how a box with a 4 pixel #8771B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8771B2; -webkit-box-shadow:4px 4px  
4px 4px #8771B2; box-shadow:4px 4px 4px  
4px #8771B2 }
```

Background

The CSS property to change the background color of an element to Hex 8771B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8771B2 }
```

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

```
.background{ background-color:#8771B2 }
```

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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