

Converting Colors

Hex(8B78BB)

Have a look what the booklet for
Hex(8B78BB) contains.

Hex(8B78BB)	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(8B78BB)

Conversions

Conversions Part 1

Format	Color
Hex	8B78BB
RGB	139, 120, 187
RGB Percent	55%, 47%, 73%
CMY	0.4549, 0.5294, 0.2667
CMYK	0.26, 0.36, 0.00, 0.27
HSL	257°, 33%, 60%
HSV	257°, 36%, 73%
XYZ	26.3336, 22.5098, 49.9706
YIQ	133.3190, -10.1830, 24.8650

Conversions

Conversions Part 2

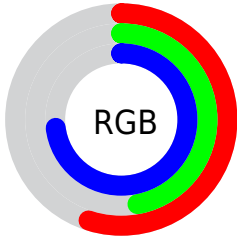
Format	Color
R _Y B	139, 120, 187
Decimal	9140411
CIE Lab	54.56, 21.80, -32.61
CIE LCh	55, 39.226, 303.768
Yxy	22.5098, 0.2665, 0.2278
Android (android.graphics.Color)	4287330491 (0xFF8B78BB)
YUV	133.3190, 26.4647, 4.9822
Hunter-Lab	47.4445, 16.0468, -29.2357

Details

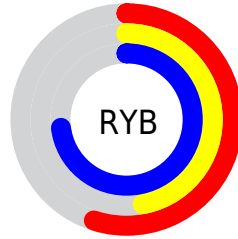
The Hex color **8B78BB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A8BB78**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **C2ACF3**, and **574785** is the 20% darker color. If you saturate the color by 10%, you get **7E65BB**, and if you desaturate by 10%, it is **988BBB**.

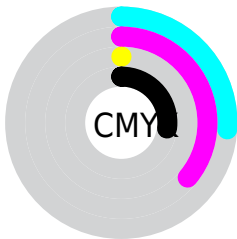
Distribution



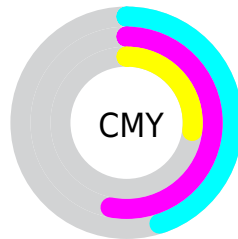
- Red (55%)
- Green (47%)
- Blue (73%)



- Red (55%)
- Yellow (47%)
- Blue (73%)



- Cyan (26%)
- Magenta (36%)
- Yellow (0%)
- Black (27%)



- Cyan (45%)
- Magenta (53%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B78BB 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 8B78BB by changing the saturation by 10% instead.

■ 8B78BB

■ 8B78BB

FFFFFF

■ 715FA0

■ C2ACF3

■ 574785

■ DEC8FF

■ 3E316C

■ FBE4FF

■ 261B53

■ 0D043C

■ 000225

■ 00010E

■ 000000

■ 8B78BB

■ 8B78BB

7E65BB

988BBB

7053BB

A69DBB

6340BB

B3B0BB

552DBB

C1C3BB

481BBB

CED5BB

3B08BB

DBE8BB

3500BB

E9FB BB

F6FFBB

FFFFBB

Harmonies

Analogous

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



5185C6



8B78BB



B06CA1

Triad

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



8B78BB



AF7646



009486

Complementary

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



8B78BB



A8BB78

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.



439263



8B78BB



93823D

Square

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



8B78BB



C06B5F



708C48



0093A7

Rectangle

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



8B78BB



BE678B



708C48



0C947A

Sweetspot

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



8B78BB



DFD8F2



78A8BB



6F6A7A



FAFAFA



7A7A7A

Same Dimension

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



8B78BB



A88AF2



AC78BB



58555E



2D009E



09001F

Inverse Universe

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



BB78A8



F28AD5



87BB78



5E555C



9E0071



1F0016

Previews

White Background



This preview shows how the Hex color 8B78BB looks on a white background.

Color Contrast Check

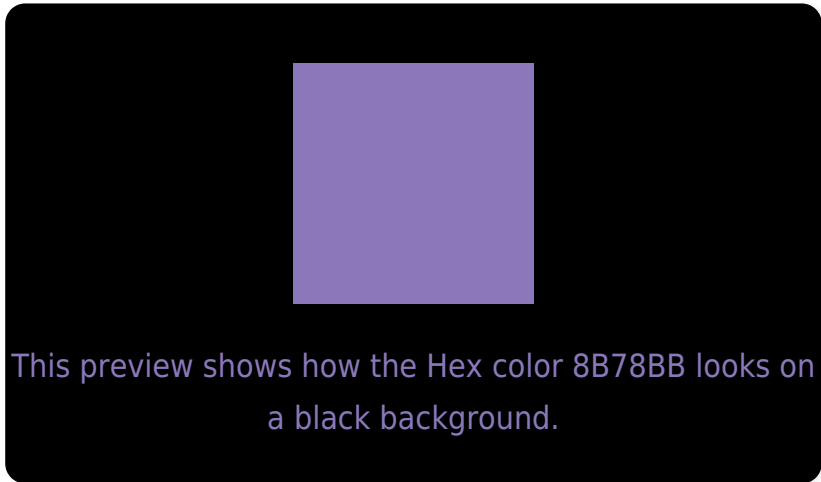
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B78BB Background



This preview shows how black text looks on a background with the Hex color 8B78BB.

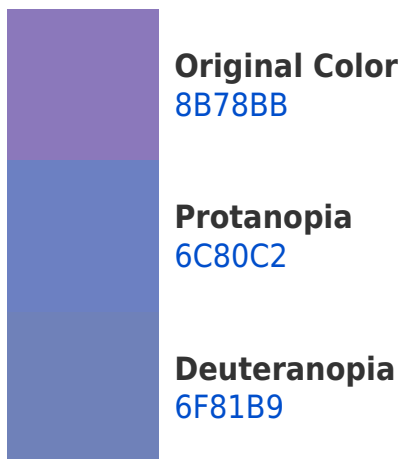



This preview shows how white text looks on a background with the Hex color 8B78BB.

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
82828C

Trichromacy



Original Color
8B78BB

Protanomaly
777DBF

Deuteranomaly
797EBA

Tritanomaly
857E9D

Monochromacy



Original Color
8B78BB

Achromatopsia
858585

Achromatomaly
878099

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B78BB 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 #8B78BB looks like.

```
.text, #text, p{  
    color:#8B78BB  
}
```

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 #8B78BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B78BB
}
```

Border

The CSS property to change the border of an element to Hex 8B78BB is called "border". The border property can be set on classes, ids or directly on the HTML element.

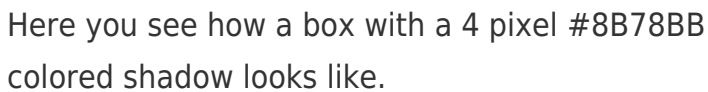
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B78BB }
```

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

```
.border{ border-color:#8B78BB }
```

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



Here you see how a box with a 4 pixel #8B78BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B78BB; -webkit-box-shadow:4px 4px  
4px 4px #8B78BB; box-shadow:4px 4px 4px  
4px #8B78BB }
```

Background

The CSS property to change the background color of an element to Hex 8B78BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B78BB }
```

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

```
.background{ background-color:#8B78BB }
```

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