

Converting Colors

Hex(8C80AA)

Have a look what the booklet for
Hex(8C80AA) contains.

Hex(8C80AA)	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(8C80AA)

Conversions

Conversions Part 1

Format	Color
Hex	8C80AA
RGB	140, 128, 170
RGB Percent	55%, 50%, 67%
CMY	0.4510, 0.4980, 0.3333
CMYK	0.18, 0.25, 0.00, 0.33
HSL	257°, 20%, 58%
HSV	257°, 25%, 67%
XYZ	25.7901, 23.9161, 41.2872
YIQ	136.3760, -6.3300, 15.6060

Conversions

Conversions Part 2

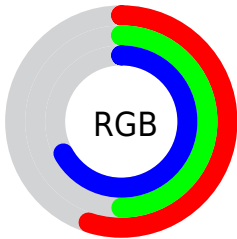
Format	Color
R_{YB}	140, 128, 170
Decimal	9207978
CIE _{Lab}	56.00, 13.34, -20.62
CIE _{LCh}	56, 24.554, 302.903
Yxy	23.9161, 0.2834, 0.2628
Android (android.graphics.Color)	4287398058 (0xFF8C80AA)
YUV	136.3760, 16.5766, 3.1782
Hunter-Lab	48.9041, 8.5518, -15.8227

Details

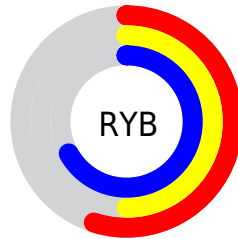
The Hex color **8C80AA** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **9EAA80**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **C2B5E1**, and **594F76** is the 20% darker color. If you saturate the color by 10%, you get **806FAA**, and if you desaturate by 10%, it is **9891AA**.

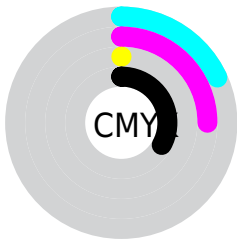
Distribution



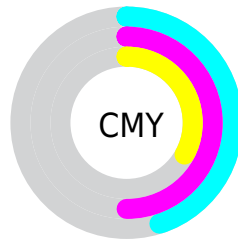
- Red (55%)
- Green (50%)
- Blue (67%)



- Red (55%)
- Yellow (50%)
- Blue (67%)



- Cyan (18%)
- Magenta (25%)
- Yellow (0%)
- Black (33%)



- Cyan (45%)
- Magenta (50%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C80AA 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 8C80AA by changing the saturation by 10% instead.

■ 8C80AA

■ 8C80AA

FFFFFF

■ 72678F

■ C2B5E1

■ 594F76

■ DED0FE

■ 41385D

■ FBEDFF

■ 2A2245

■ 150E2F

■ 00011A

■ 000000

■ 8C80AA

■ 8C80AA

■ 806FAA

■ 9891AA

745EAA

A4A2AA

684DAA

B0B3AA

5B3CAA

BDC4AA

4F2BAA

C9D5AA

431AAA

D5E6AA

3709AA

E1F7AA

3100AA

EDFFAA

F9FFAA

Harmonies

Analogous

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



6E88B0



8C80AA



A3799A

Triad

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



8C80AA



A67E61



4D9288

Complementary

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



8C80AA



9EAA80

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.



649072



8C80AA



93865C

Square

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



8C80AA



B07870



7C8C62



43919D

Rectangle

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



8C80AA



AD778C



7C8C62



549280

Sweetspot

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



8C80AA



D3CEDE



809EAA



6A6770



F0F0F0



707070

Same Dimension

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



8C80AA



AE9BDE



A180AA



4E4C54



2A0094



060014

Inverse Universe

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



AA809E



DE9BCB



89AA80



544C52



94006A



14000F

Previews

White Background



This preview shows how the Hex color 8C80AA looks on a white background.

Color Contrast Check

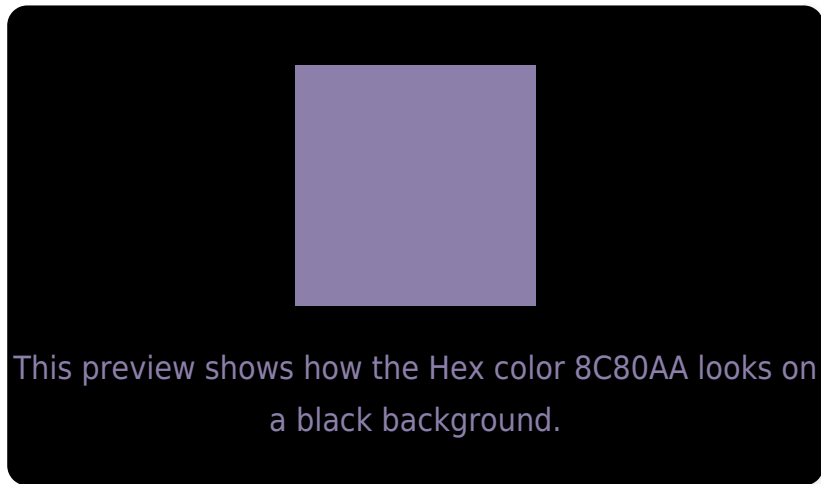
Large Text (above 18pt) WCAG AA ✓ Pass

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

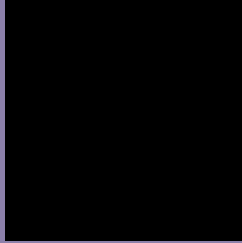
Any Text WCAG AA ✓ Pass

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 8C80AA Background



This preview shows how black text looks on a background with the Hex color 8C80AA.

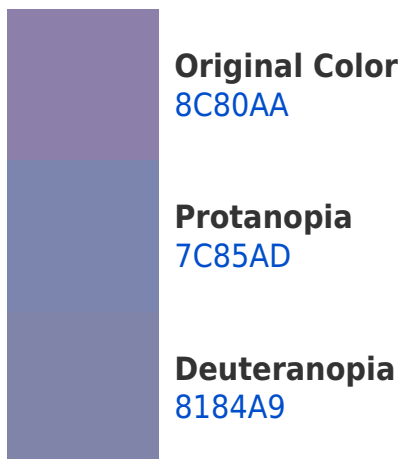



This preview shows how white text looks on a background with the Hex color 8C80AA.

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
87858F

Trichromacy



Original Color
8C80AA

Protanomaly
8283AC

Deuteranomaly
8583A9

Tritanomaly
898399

Monochromacy



Original Color
8C80AA

Achromatopsia
888888

Achromatomaly
898594

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C80AA 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 #8C80AA looks like.

```
.text, #text, p{  
    color:#8C80AA  
}
```

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 #8C80AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C80AA
}
```

Border

The CSS property to change the border of an element to Hex 8C80AA 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
#8C80AA }
```

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

```
.border{ border-color:#8C80AA }
```

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

Here you see how a box with a 4 pixel #8C80AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C80AA; -webkit-box-shadow:4px 4px  
4px 4px #8C80AA; box-shadow:4px 4px 4px  
4px #8C80AA }
```

Background

The CSS property to change the background color of an element to Hex 8C80AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C80AA }
```

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

```
.background{ background-color:#8C80AA }
```

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