

Converting Colors

Hex(8C89AB)

Have a look what the booklet for
Hex(8C89AB) contains.

Hex(8C89AB)	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(8C89AB)

Conversions

Conversions Part 1

Format	Color
Hex	8C89AB
RGB	140, 137, 171
RGB Percent	55%, 54%, 67%
CMY	0.4510, 0.4627, 0.3294
CMYK	0.18, 0.20, 0.00, 0.33
HSL	245°, 17%, 60%
HSV	245°, 20%, 67%
XYZ	27.1116, 26.4070, 42.1962
YIQ	141.7730, -9.1260, 11.2100

Conversions

Conversions Part 2

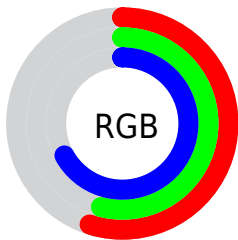
Format	Color
R_{YB}	140, 137, 171
Decimal	9210283
CIE _{Lab}	58.42, 8.35, -17.50
CIE _{LCh}	58, 19.393, 295.516
Yxy	26.4070, 0.2833, 0.2759
Android (android.graphics.Color)	4287400363 (0xFF8C89AB)
YUV	141.7730, 14.4089, -1.5549
Hunter-Lab	51.3878, 4.2458, -12.7135

Details

The Hex color **8C89AB** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A8AB89**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **C2BEE2**, and **595777** is the 20% darker color. If you saturate the color by 10%, you get **7C78AB**, and if you desaturate by 10%, it is **9C9AAB**.

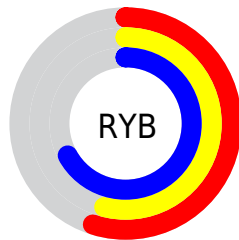
Distribution



Red (55%)

Green (54%)

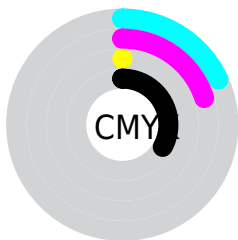
Blue (67%)



Red (55%)

Yellow (54%)

Blue (67%)

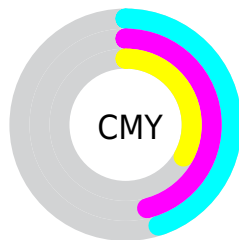


Cyan (18%)

Magenta (20%)

Yellow (0%)

Black (33%)



Cyan (45%)

Magenta (46%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C89AB 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 8C89AB by changing the saturation by 10% instead.



8C89AB



8C89AB

FFFFFF



727090



C2BEE2



595777



DEDAFF



42405E



FBF7FF



2B2A46



151630



00001B



000000



8C89AB



8C89AB



7C78AB



9C9AAB

6D67AB

ABABAB

5D56AB

BBBCAB

4E45AB

CACDAB

3E33AB

DADEAB

2E22AB

EAF0AB

1F11AB

F9FFAB

0F00AB

FFFFAB

Harmonies

Analogous

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



758FAE



8C89AB



A084A0

Triad

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



8C89AB



A98571



659689

Complementary

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



8C89AB



A8AB89

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.



769479



8C89AB



9C8A6B

Square

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



8C89AB



AF817F



8A906E



5C969A

Rectangle

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



8C89AB



A98195



8A906E



6A9683

Sweetspot

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



8C89AB



D2D1DE



89A8AB



696870



F0F0F0



707070

Same Dimension

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



8C89AB



ADA9DE



9D89AB



4F4E57



0D0096



020017

Inverse Universe

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



AB89A8



DEA9D9



97AB89



574E56



960089



170015

Previews

White Background



This preview shows how the Hex color 8C89AB looks on a white background.

Color Contrast Check

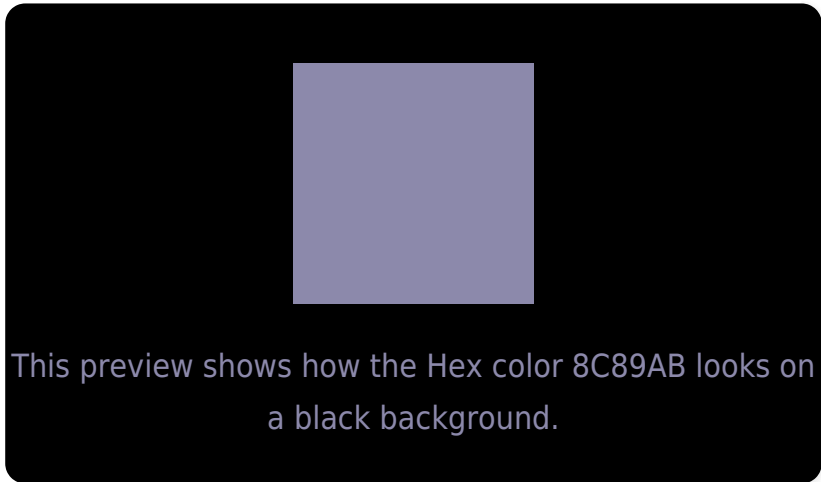
Large Text (above 18pt) WCAG AA ✓ Pass

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

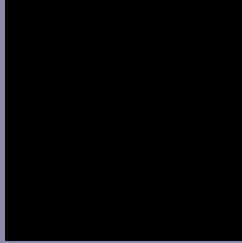
Any Text WCAG AA ✓ Pass

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 8C89AB Background



This preview shows how black text looks on a background with the Hex color 8C89AB.



This preview shows how white text looks on a background with the Hex color 8C89AB.

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



Original Color
8C89AB

Protanopia
858BAC

Deuteranopia
8B89AB



Tritanopia
898C98

Trichromacy



Original Color
8C89AB

Protanomaly
888AAC

Deuteranomaly
8B89AB

Tritanomaly
8A8B9F

Monochromacy



Original Color
8C89AB

Achromatopsia
8E8E8E

Achromatomaly
8D8C99

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C89AB 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 #8C89AB looks like.

```
.text, #text, p{  
    color:#8C89AB  
}
```

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 #8C89AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C89AB
}
```

Border

The CSS property to change the border of an element to Hex 8C89AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

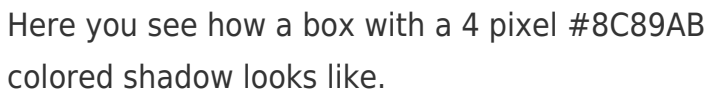
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C89AB }
```

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

```
.border{ border-color:#8C89AB }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a purple shadow that is 4px wide and 4px high, offset to the right and bottom. The shadow is a darker shade of purple than the border.

Here you see how a box with a 4 pixel #8C89AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C89AB; -webkit-box-shadow:4px 4px  
4px 4px #8C89AB; box-shadow:4px 4px 4px  
4px #8C89AB }
```

Background

The CSS property to change the background color of an element to Hex 8C89AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C89AB }
```

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

```
.background{ background-color:#8C89AB }
```

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