

Converting Colors

Hex(8C49A8)

Have a look what the booklet for
Hex(8C49A8) contains.

Hex(8C49A8)	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(8C49A8)

Conversions

Conversions Part 1

Format	Color
Hex	8C49A8
RGB	140, 73, 168
RGB Percent	55%, 29%, 66%
CMY	0.4510, 0.7137, 0.3412
CMYK	0.17, 0.57, 0.00, 0.34
HSL	282°, 39%, 47%
HSV	282°, 57%, 66%
XYZ	20.2656, 13.1677, 38.5193
YIQ	103.8630, 9.4370, 43.7490

Conversions

Conversions Part 2

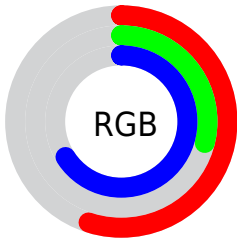
Format	Color
R_{YB}	140, 73, 168
Decimal	9193896
CIE _{Lab}	43.01, 44.33, -39.70
CIE _{LCh}	43, 59.510, 318.155
Yxy	13.1677, 0.2817, 0.1830
Android (android.graphics.Color)	4287383976 (0xFF8C49A8)
YUV	103.8630, 31.6195, 31.6921
Hunter-Lab	36.2873, 36.1854, -37.5357

Details

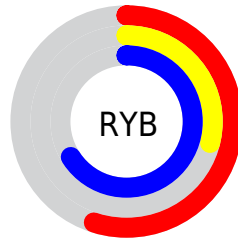
The Hex color **8C49A8** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **65A849**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **C47DE0**, and **571573** is the 20% darker color. If you saturate the color by 10%, you get **8738A8**, and if you desaturate by 10%, it is **915AA8**.

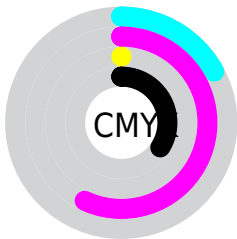
Distribution



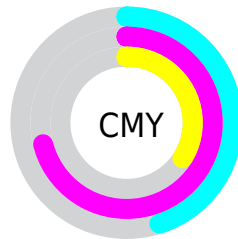
- Red (55%)
- Green (29%)
- Blue (66%)



- Red (55%)
- Yellow (29%)
- Blue (66%)



- Cyan (17%)
- Magenta (57%)
- Yellow (0%)
- Black (34%)



- Cyan (45%)
- Magenta (71%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C49A8 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 8C49A8 by changing the saturation by 10% instead.

8C49A8

8C49A8

FFFFFF

71308D

C47DE0

571573

E097FD

3D005A

FEB3FF

250042

FFCFFF

00002B

FFEBFF

000115

000000

8C49A8

8C49A8

8738A8

915AA8

8227A8

966BA8

7D17A8

9B7BA8

7806A8

A08CA8

7600A8

A59DA8

AAAEA8

AFBFA8

B4CFA8

B9E0A8

Harmonies

Analogous

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



3061C4



8C49A8



B3317B

Triad

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



8C49A8



8B5C00



007B83

Complementary

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



8C49A8



65A849

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.



007A50



8C49A8



5F6C00

Square

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



8C49A8



AC461B



19761C



0079AE

Rectangle

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



8C49A8



BC2C5A



19761C



007B72

Sweetspot

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



8C49A8



D0B6DB



4965A8



67586E



EDEDED



6E6E6E

Same Dimension

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



8C49A8



AF46DB



A84995



524C54



680094



0E0014

Inverse Universe

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



A84965



DB4672



49A85C



544C4E



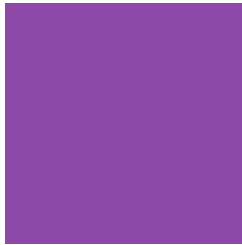
94002C



140006

Previews

White Background



This preview shows how the Hex color 8C49A8 looks on a white background.

Color Contrast Check

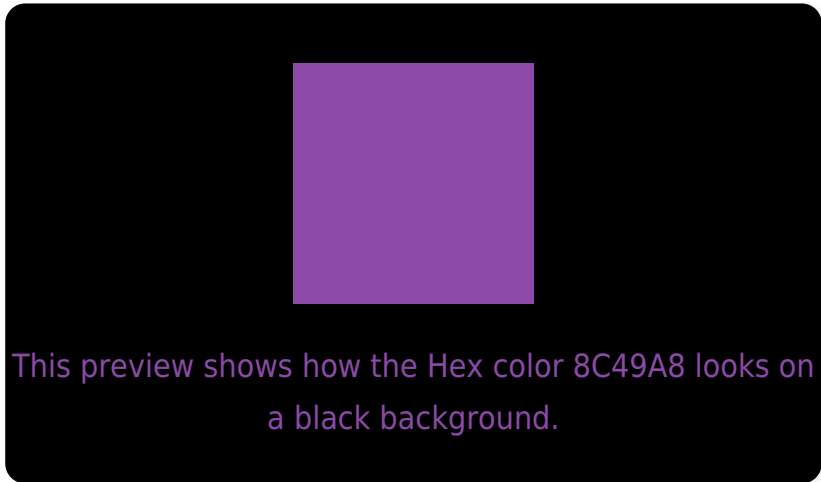
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

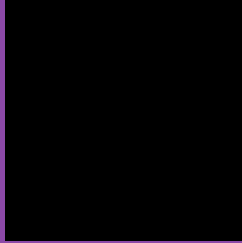
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8C49A8 Background



This preview shows how black text looks on a background with the Hex color 8C49A8.

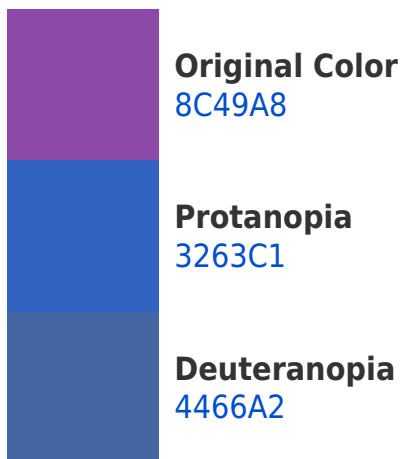


This preview shows how white text looks on a background with the Hex color 8C49A8.

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
825B62

Trichromacy



Original Color
8C49A8



Protanomaly
535AB8



Deuteranomaly
5E5BA4



Tritanomaly
86547B

Monochromacy



Original Color
8C49A8



Achromatopsia
686868



Achromatomaly
755D7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C49A8 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 #8C49A8 looks like.

```
.text, #text, p{  
    color:#8C49A8  
}
```

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 #8C49A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C49A8
}
```

Border

The CSS property to change the border of an element to Hex 8C49A8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

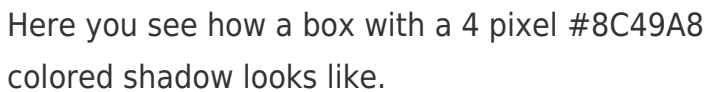
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C49A8 }
```

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

```
.border{ border-color:#8C49A8 }
```

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



Here you see how a box with a 4 pixel #8C49A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C49A8; -webkit-box-shadow:4px 4px  
4px 4px #8C49A8; box-shadow:4px 4px 4px  
4px #8C49A8 }
```

Background

The CSS property to change the background color of an element to Hex 8C49A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C49A8 }
```

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

```
.background{ background-color:#8C49A8 }
```

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