

Converting Colors

Hex(8C4AA9)

Have a look what the booklet for
Hex(8C4AA9) contains.

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Color

Hex(8C4AA9)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 8C4AA9 |
| RGB | 140, 74, 169 |
| RGB Percent | 55%, 29%, 66% |
| CMY | 0.4510, 0.7098, 0.3373 |
| CMYK | 0.17, 0.56, 0.00, 0.34 |
| HSL | 282°, 39%, 48% |
| HSV | 282°, 56%, 66% |
| XYZ | 20.4254, 13.3376, 39.0340 |
| YIQ | 104.5640, 8.8410, 43.5370 |

Conversions

Conversions Part 2

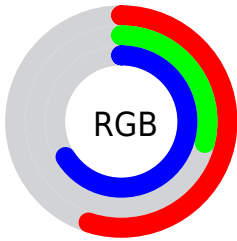
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 140, 74, 169 |
| Decimal | 9194153 |
| CIE _{Lab} | 43.27, 44.03, -39.89 |
| CIE _{LCh} | 43, 59.410, 317.820 |
| Yxy | 13.3376, 0.2806, 0.1832 |
| Android (android.graphics.Color) | 4287384233 (0xFF8C4AA9) |
| YUV | 104.5640, 31.7669, 31.0774 |
| Hunter-Lab | 36.5207, 35.9211, -37.8059 |

Details

The Hex color **8C4AA9** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **67A94A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **C47EE1**, and **571774** is the 20% darker color. If you saturate the color by 10%, you get **8739A9**, and if you desaturate by 10%, it is **915BA9**.

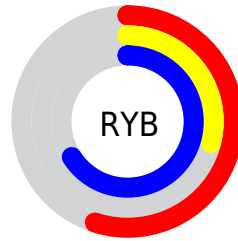
Distribution



Red (55%)

Green (29%)

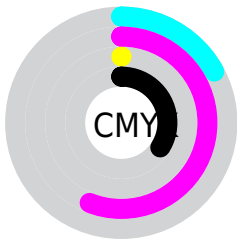
Blue (66%)



Red (55%)

Yellow (29%)

Blue (66%)

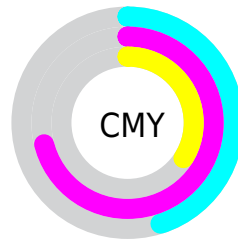


Cyan (17%)

Magenta (56%)

Yellow (0%)

Black (34%)



Cyan (45%)

Magenta (71%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Hex color 8C4AA9 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 8C4AA9 by changing the saturation by 10% instead.

 8C4AA9

 8C4AA9

FFFFFF

 71318E

 C47EE1

 571774

 E098FE

 3D005B

 FEB4FF

 250043

 FFD0FF

 00002C

 FFECFF


 000116

 000000

 8C4AA9

 8C4AA9

 8739A9

 915BA9

8228A9

966CA9

7D17A9

9B7DA9

7706A9

A18EA9

7500A9

A69EA9

ABAF A9

B0C0A9

B5D1A9

BAE2A9

Harmonies

Analogous

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



2F62C5



8C4AA9



B3327C

Triad

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



8C4AA9



8C5D00



007C83

Complementary

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



8C4AA9



67A94A

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.



007B50



8C4AA9



606D00

Square

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



8C4AA9



AD461D



1C761C



007AAF

Rectangle

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



8C4AA9



BC2D5C



1C761C



007C72

Sweetspot

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



8C4AA9



D0B6DB



4A68A9



67586E



EDEDED



6E6E6E

Same Dimension

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



8C4AA9



AE48DB



A94A98



524C54



670094



0E0014

Inverse Universe

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



A94A67



DB4875



4AA95B



544C4E



94002D



140006

Previews

White Background



This preview shows how the Hex color 8C4AA9 looks on a white background.

Color Contrast Check

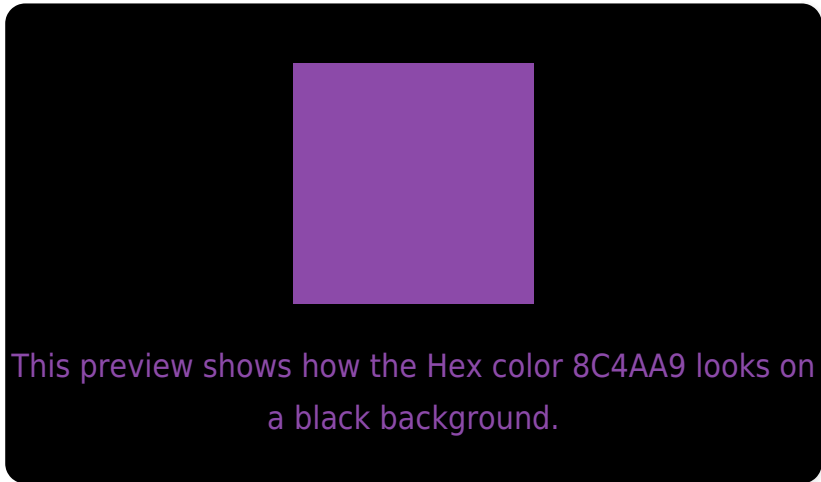
Large Text (above 18pt) WCAG AA ✓ Pass

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

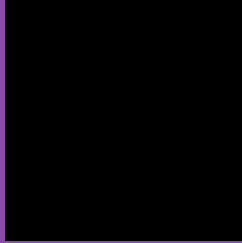
Any Text WCAG AA × Fail

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 8C4AA9 Background



This preview shows how black text looks on a background with the Hex color 8C4AA9.

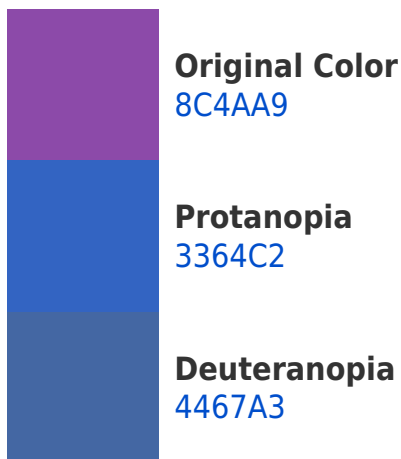



This preview shows how white text looks on a background with the Hex color 8C4AA9.

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](#).

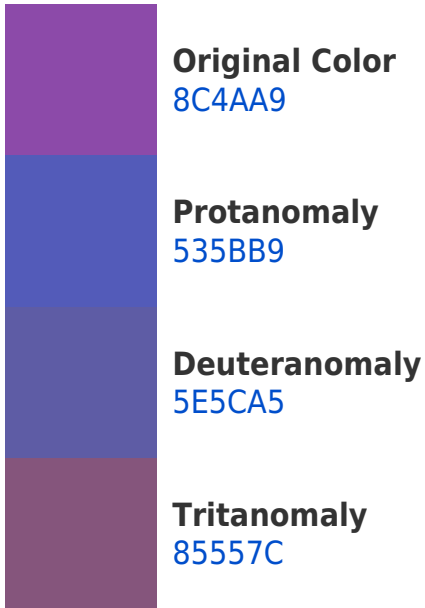
Dichromacy



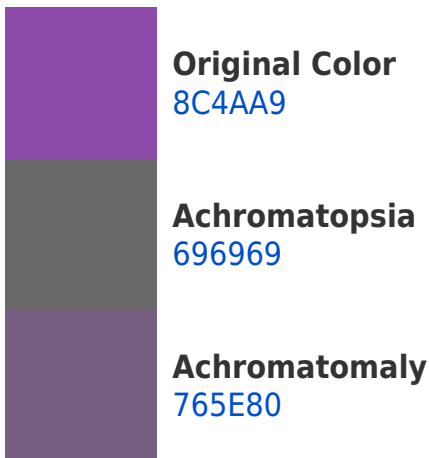


Tritanopia
815C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8C4AA9 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 #8C4AA9 looks like.

```
.text, #text, p{  
    color:#8C4AA9  
}
```

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 #8C4AA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C4AA9
}
```

Border

The CSS property to change the border of an element to Hex 8C4AA9 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
#8C4AA9 }
```

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

```
.border{ border-color:#8C4AA9 }
```

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

Here you see how a box with a 4 pixel #8C4AA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C4AA9; -webkit-box-shadow:4px 4px  
4px 4px #8C4AA9; box-shadow:4px 4px 4px  
4px #8C4AA9 }
```

Background

The CSS property to change the background color of an element to Hex 8C4AA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C4AA9 }
```

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

```
.background{ background-color:#8C4AA9 }
```

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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