

# Converting Colors

Hex(8C5D8A)

Have a look what the booklet for  
Hex(8C5D8A) contains.

<b>Hex(8C5D8A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(8C5D8A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C5D8A
RGB	140, 93, 138
RGB Percent	55%, 36%, 54%
CMY	0.4510, 0.6353, 0.4588
CMYK	0.00, 0.34, 0.01, 0.45
HSL	303°, 20%, 46%
HSV	303°, 34%, 55%
XYZ	19.3170, 15.2391, 25.9681
YIQ	112.1830, 13.5670, 23.9590

# Conversions

## Conversions Part 2

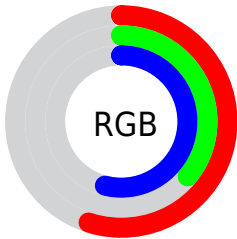
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 93, 138
Decimal	9198986
CIE Lab	45.96, 26.90, -17.20
CIE LCh	46, 31.931, 327.404
Yxy	15.2391, 0.3192, 0.2518
Android (android.graphics.Color)	4287389066 (0xFF8C5D8A)
YUV	112.1830, 12.7278, 24.3955
Hunter-Lab	39.0373, 20.0126, -12.1143

# Details

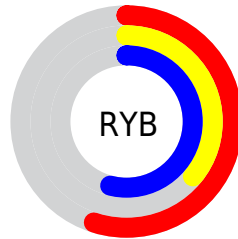
The Hex color **8C5D8A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5D8C5F**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **C290C0**, and **592D58** is the 20% darker color. If you saturate the color by 10%, you get **8C4F89**, and if you desaturate by 10%, it is **8C6B8B**.

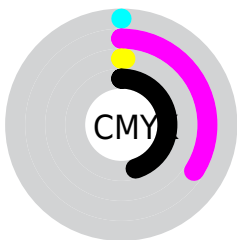
# Distribution



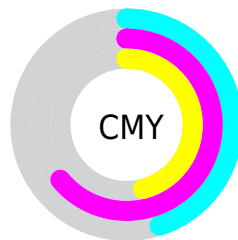
- Red (55%)
- Green (36%)
- Blue (54%)



- Red (55%)
- Yellow (36%)
- Blue (54%)



- Cyan (0%)
- Magenta (34%)
- Yellow (1%)
- Black (45%)



- Cyan (45%)
- Magenta (64%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C5D8A 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 8C5D8A by changing the saturation by 10% instead.





8C5D8A



8C5D8A

FFFFFF



724570



C290C0



592D58



DFABDB



411740



FBC6F8



2A002A



FFE3FF



0D0015



000000



8C5D8A



8C5D8A



8C4F89



8C6B8B



8C4189



8C798B

 8C3388

 8C878C

 8C2588

 8C958C

 8C1787

 8CA38D

 8C0986

 8CB18E

 8C0086

 8CBF8E

 8CCD8F

 8CDB8F

# Harmonies

## Analogous

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



6C679C



8C5D8A



9D5770

# Triad

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



8C5D8A



806B37



007A85

# Complementary

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



8C5D8A



5D8C5F

# 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.



147B6A



8C5D8A



65733C

# Square

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



8C5D8A



946141



44784F



007799

# Rectangle

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



8C5D8A



A0585E



44784F



007B7C



# Sweetspot

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



8C5D8A



B5A3B4



5F5D8C



5C515B



DBDBDB



5C5C5C



# Same Dimension

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



8C5D8A



B56DB2



8C5D73



453E45



85007F



050005



# Inverse Universe

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



8C5D8A



B56DB2



5D8C76



453E45



85007F

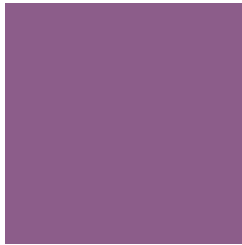


050005



# Previews

## White Background



This preview shows how the Hex color 8C5D8A looks on a white background.

## Color Contrast Check

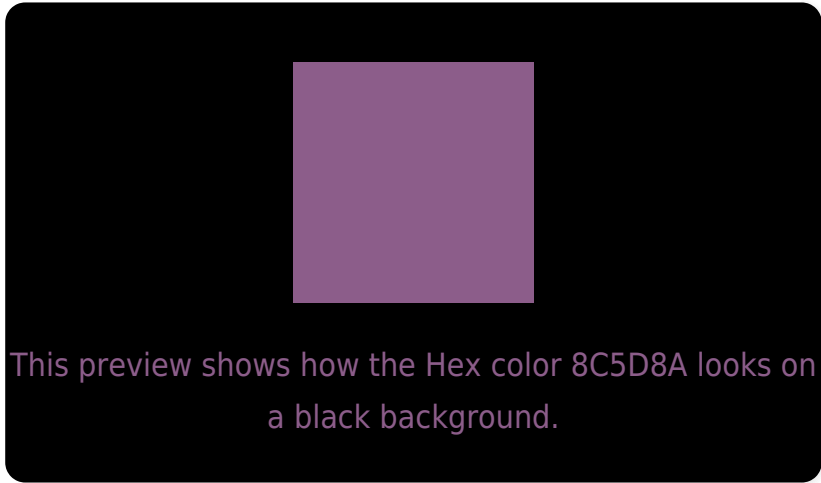
Large Text (above 18pt) WCAG AA ✓ Pass

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

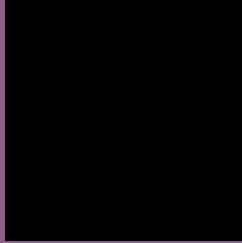
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C5D8A Background



This preview shows how black text looks on a background with the Hex color 8C5D8A.

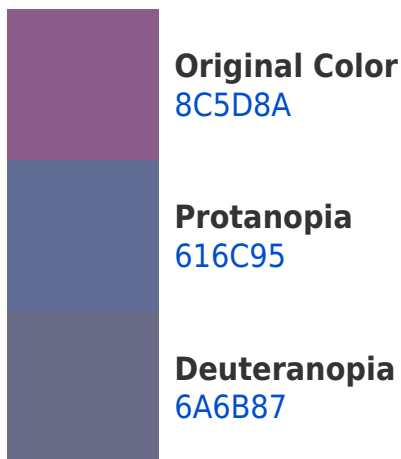


This preview shows how white text looks on a background with the Hex color 8C5D8A.

# 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**  
88636B

# Trichromacy



**Original Color**  
8C5D8A

**Protanomaly**  
716791

**Deuteranomaly**  
766688

**Tritanomaly**  
896176

# Monochromacy



**Original Color**  
8C5D8A

**Achromatopsia**  
707070

**Achromatomaly**  
7A6979

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C5D8A 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 #8C5D8A looks like.

```
.text, #text, p{  
    color:#8C5D8A  
}
```

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 #8C5D8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C5D8A
}
```

## Border

The CSS property to change the border of an element to Hex 8C5D8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

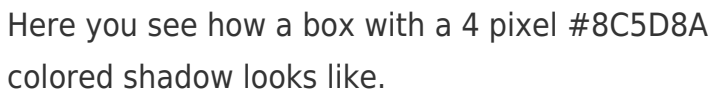
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C5D8A }
```

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

```
.border{ border-color:#8C5D8A }
```

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



Here you see how a box with a 4 pixel #8C5D8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C5D8A; -webkit-box-shadow:4px 4px  
4px 4px #8C5D8A; box-shadow:4px 4px 4px  
4px #8C5D8A }
```

# Background

The CSS property to change the background color of an element to Hex 8C5D8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C5D8A }
```

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

```
.background{ background-color:#8C5D8A }
```

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