

# Converting Colors

Hex(8A5B80)

Have a look what the booklet for  
Hex(8A5B80) contains.

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# Color

**Hex(8A5B80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A5B80
RGB	138, 91, 128
RGB Percent	54%, 36%, 50%
CMY	0.4588, 0.6431, 0.4980
CMYK	0.00, 0.34, 0.07, 0.46
HSL	313°, 21%, 45%
HSV	313°, 34%, 54%
XYZ	18.1186, 14.4440, 22.2551
YIQ	109.2710, 16.1350, 21.4710

# Conversions

## Conversions Part 2

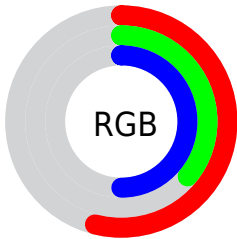
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 91, 128
Decimal	9067392
CIE <sub>Lab</sub>	44.86, 25.42, -12.87
CIE <sub>LCh</sub>	45, 28.495, 333.139
Yxy	14.4440, 0.3305, 0.2635
Android (android.graphics.Color)	4287257472 (0xFF8A5B80)
YUV	109.2710, 9.2334, 25.1953
Hunter-Lab	38.0052, 18.5890, -8.1154

# Details

The Hex color **8A5B80** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5B8A65**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **C08EB5**, and **572C4F** is the 20% darker color. If you saturate the color by 10%, you get **8A4D7D**, and if you desaturate by 10%, it is **8A6983**.

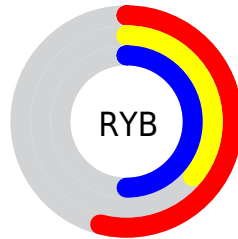
# Distribution



Red (54%)

Green (36%)

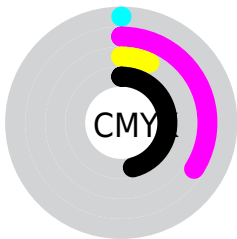
Blue (50%)



Red (54%)

Yellow (36%)

Blue (50%)

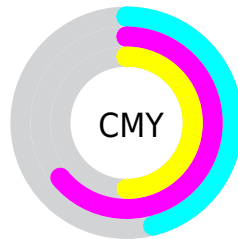


Cyan (0%)

Magenta (34%)

Yellow (7%)

Black (46%)



Cyan (46%)

Magenta (64%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A5B80 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 8A5B80 by changing the saturation by 10% instead.



8A5B80

8A5B80

FFFFFF

704367

C08EB5

572C4F

DCA9D0

3F1538

F9C4ED

280022

FFE0FF

04000A

FFFDFF

000000

8A5B80

8A5B80

8A4D7D

8A6983

8A3F7A

8A7786

■ 8A3277

■ 8A8489

■ 8A2474

■ 8A928C

■ 8A1671

■ 8AA08F

■ 8A086E

■ 8AAE92

■ 8A006D

■ 8ABC95

■ 8AC997

■ 8AD79A

# Harmonies

## Analogous

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



706392



8A5B80



975769

# Triad

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



8A5B80



776A3A



007683

# Complementary

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



8A5B80



5B8A65

# 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.



1B776C



8A5B80



5E7041

# Square

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



8A5B80



8B6140



417554



1A7294

# Rectangle

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



8A5B80



985859



417554



00767C



# Sweetspot

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



8A5B80



B3A1AF



645B8A



594F57



D9D9D9



595959



# Same Dimension

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



8A5B80



B369A3



8A5B69



453E43



850068



050004



# Inverse Universe

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



8A5B80



B369A3



5B8A7C



453E43



850068

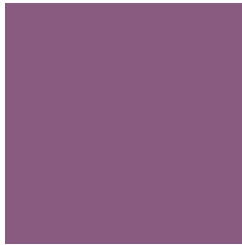


050004



# Previews

## White Background



This preview shows how the Hex color 8A5B80 looks on a white background.

## Color Contrast Check

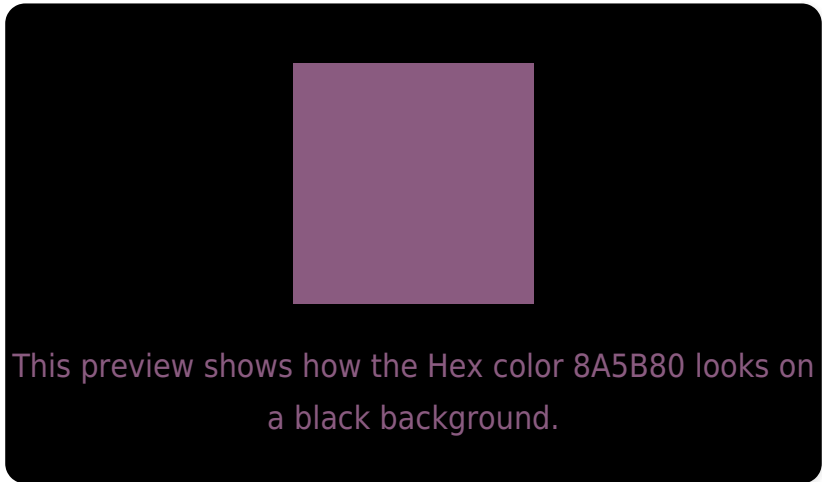
Large Text (above 18pt) WCAG AA ✓ Pass

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

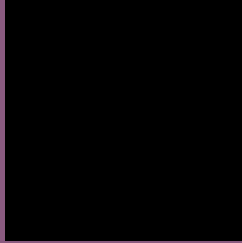
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8A5B80 Background



This preview shows how black text looks on a background with the Hex color 8A5B80.



This preview shows how white text looks on a background with the Hex color 8A5B80.

# 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**  
876067

# Trichromacy



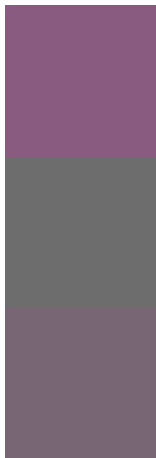
**Original Color**  
8A5B80

**Protanomaly**  
716486

**Deuteranomaly**  
77637F

**Tritanomaly**  
885E70

# Monochromacy



**Original Color**  
8A5B80

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
786674

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A5B80 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 #8A5B80 looks like.

```
.text, #text, p{  
    color:#8A5B80  
}
```

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 #8A5B80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A5B80
}
```

## Border

The CSS property to change the border of an element to Hex 8A5B80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

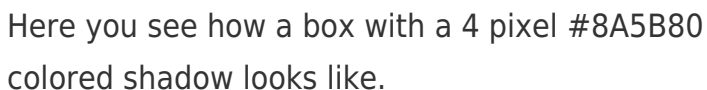
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A5B80 }
```

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

```
.border{ border-color:#8A5B80 }
```

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



Here you see how a box with a 4 pixel #8A5B80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A5B80; -webkit-box-shadow:4px 4px  
4px 4px #8A5B80; box-shadow:4px 4px 4px  
4px #8A5B80 }
```

# Background

The CSS property to change the background color of an element to Hex 8A5B80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A5B80 }
```

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

```
.background{ background-color:#8A5B80 }
```

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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