

Converting Colors

Hex(8A5B7F)

Have a look what the booklet for
Hex(8A5B7F) contains.

| | |
|--|----|
| Hex(8A5B7F) | 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(8A5B7F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8A5B7F |
| RGB | 138, 91, 127 |
| RGB Percent | 54%, 36%, 50% |
| CMY | 0.4588, 0.6431, 0.5020 |
| CMYK | 0.00, 0.34, 0.08, 0.46 |
| HSL | 314°, 21%, 45% |
| HSV | 314°, 34%, 54% |
| XYZ | 18.0531, 14.4178, 21.9101 |
| YIQ | 109.1570, 16.4560, 21.1600 |

Conversions

Conversions Part 2

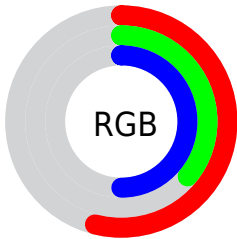
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 138, 91, 127 |
| Decimal | 9067391 |
| CIE _{Lab} | 44.83, 25.23, -12.33 |
| CIE _{LCh} | 45, 28.082, 333.963 |
| Yxy | 14.4178, 0.3320, 0.2651 |
| Android (android.graphics.Color) | 4287257471 (0xFF8A5B7F) |
| YUV | 109.1570, 8.7966, 25.2953 |
| Hunter-Lab | 37.9707, 18.4186, -7.6324 |

Details

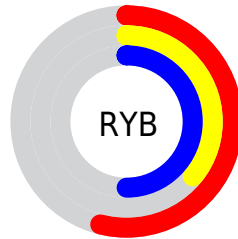
The Hex color **8A5B7F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5B8A66**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **C08EB4**, and **572C4E** is the 20% darker color. If you saturate the color by 10%, you get **8A4D7C**, and if you desaturate by 10%, it is **8A6982**.

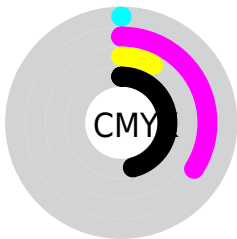
Distribution



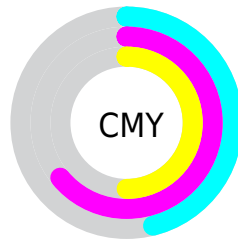
- Red (54%)
- Green (36%)
- Blue (50%)



- Red (54%)
- Yellow (36%)
- Blue (50%)



- Cyan (0%)
- Magenta (34%)
- Yellow (8%)
- Black (46%)



- Cyan (46%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A5B7F 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 8A5B7F by changing the saturation by 10% instead.

8A5B7F

8A5B7F

FFFFFF

704366

C08EB4

572C4E

DCA9CF

3F1537

F9C4EC

280022

FFE0FF

040008

FFFDFD

000000

8A5B7F

8A5B7F

8A4D7C

8A6982

8A3F79

8A7785

■ 8A3275

■ 8A8489

■ 8A2472

■ 8A928C

■ 8A166F

■ 8AA08F

■ 8A086C

■ 8AAE92

■ 8A006A

■ 8ABC96

■ 8AC999

■ 8AD79C

Harmonies

Analogous

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



716391



8A5B7F



965868

Triad

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



8A5B7F



766A3B



007683

Complementary

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



8A5B7F



5B8A66

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.



1D766C



8A5B7F



5D7042

Square

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



8A5B7F



8A6240



417555



1E7294

Rectangle

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



8A5B7F



975958



417555



00767C

Sweetspot

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



8A5B7F



B3A1AE



665B8A



594F57



D9D9D9



595959

Same Dimension

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



8A5B7F



B369A1



8A5B68



453E43



850066



050004

Inverse Universe

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



8A5B7F



B369A1



5B8A7D



453E43



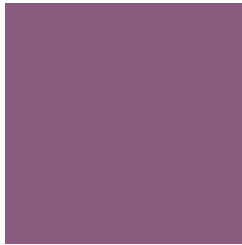
850066



050004

Previews

White Background



This preview shows how the Hex color 8A5B7F looks on a white background.

Color Contrast Check

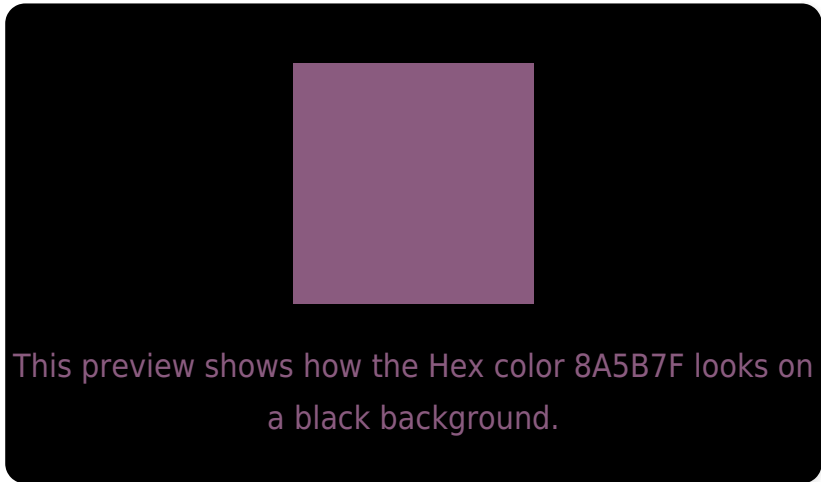
Large Text (above 18pt) WCAG AA ✓ Pass

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

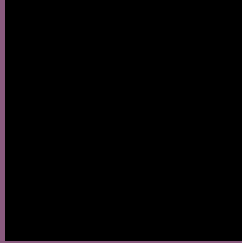
Any Text WCAG AA × Fail

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 8A5B7F Background



This preview shows how black text looks on a background with the Hex color 8A5B7F.



This preview shows how white text looks on a background with the Hex color 8A5B7F.

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



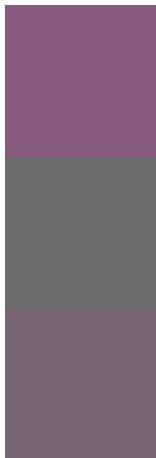
Original Color
8A5B7F

Protanomaly
716485

Deuteranomaly
77637E

Tritanomaly
885E70

Monochromacy



Original Color
8A5B7F

Achromatopsia
6D6D6D

Achromatomaly
786674

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A5B7F 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 #8A5B7F looks like.

```
.text, #text, p{  
    color:#8A5B7F  
}
```

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 #8A5B7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A5B7F
}
```

Border

The CSS property to change the border of an element to Hex 8A5B7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

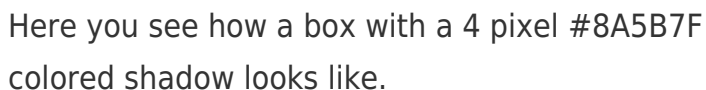
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A5B7F }
```

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

```
.border{ border-color:#8A5B7F }
```

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



Here you see how a box with a 4 pixel #8A5B7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A5B7F; -webkit-box-shadow:4px 4px  
4px 4px #8A5B7F; box-shadow:4px 4px 4px  
4px #8A5B7F }
```

Background

The CSS property to change the background color of an element to Hex 8A5B7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A5B7F }
```

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

```
.background{ background-color:#8A5B7F }
```

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