

Converting Colors

Hex(8A567E)

Have a look what the booklet for
Hex(8A567E) contains.

Hex(8A567E)	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(8A567E)

Conversions

Conversions Part 1

Format	Color
Hex	8A567E
RGB	138, 86, 126
RGB Percent	54%, 34%, 49%
CMY	0.4588, 0.6627, 0.5059
CMYK	0.00, 0.38, 0.09, 0.46
HSL	314°, 23%, 44%
HSV	314°, 38%, 54%
XYZ	17.5749, 13.5652, 21.4307
YIQ	106.1080, 18.1520, 23.4640

Conversions

Conversions Part 2

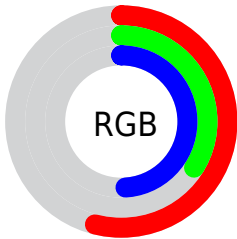
Format	Color
R_{YB}	138, 86, 126
Decimal	9066110
CIE _{Lab}	43.60, 27.94, -13.57
CIE _{LCh}	44, 31.067, 334.091
Yxy	13.5652, 0.3343, 0.2580
Android (android.graphics.Color)	4287256190 (0xFF8A567E)
YUV	106.1080, 9.8068, 27.9693
Hunter-Lab	36.8310, 20.7220, -8.7172

Details

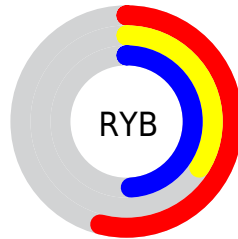
The Hex color **8A567E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **568A62**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **C089B3**, and **57274D** is the 20% darker color. If you saturate the color by 10%, you get **8A487B**, and if you desaturate by 10%, it is **8A6481**.

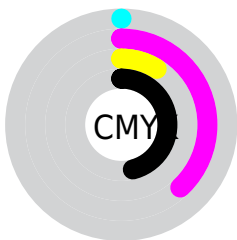
Distribution



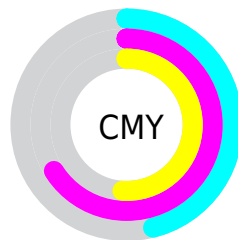
- Red (54%)
- Green (34%)
- Blue (49%)



- Red (54%)
- Yellow (34%)
- Blue (49%)



- Cyan (0%)
- Magenta (38%)
- Yellow (9%)
- Black (46%)



- Cyan (46%)
- Magenta (66%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A567E 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 8A567E by changing the saturation by 10% instead.

8A567E

8A567E

FFFFFF

703E65

C089B3

57274D

DDA3CE

3E0F36

F9BFEA

280021

FFDBFF

000006

FFF7FF

000000

8A567E

8A567E

8A487B

8A6481

8A3A78

8A7284

 8A2D74

 8A7F88

 8A1F71

 8A8D8B

 8A116E

 8A9B8E

 8A036B

 8AA991

 8A006A

 8AB794

 8AC497

 8AD29B

Harmonies

Analogous

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



6E5F92



8A567E



975264

Triad

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



8A567E



746733



007483

Complementary

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



8A567E



568A62

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.



00746A



8A567E



596E3B

Square

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



8A567E



895E39



387350



007095

Rectangle

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



8A567E



985353



387350



00747B

Sweetspot

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



8A567E



B39FAE



61568A



594E57



D9D9D9



595959

Same Dimension

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



8A567E



B362A0



8A5665



453E43



850066



050004

Inverse Universe

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



8A567E



B362A0



568A7B



453E43



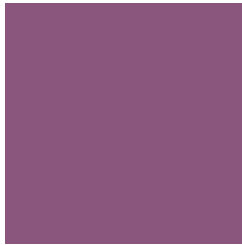
850066



050004

Previews

White Background



This preview shows how the Hex color 8A567E looks on a white background.

Color Contrast Check

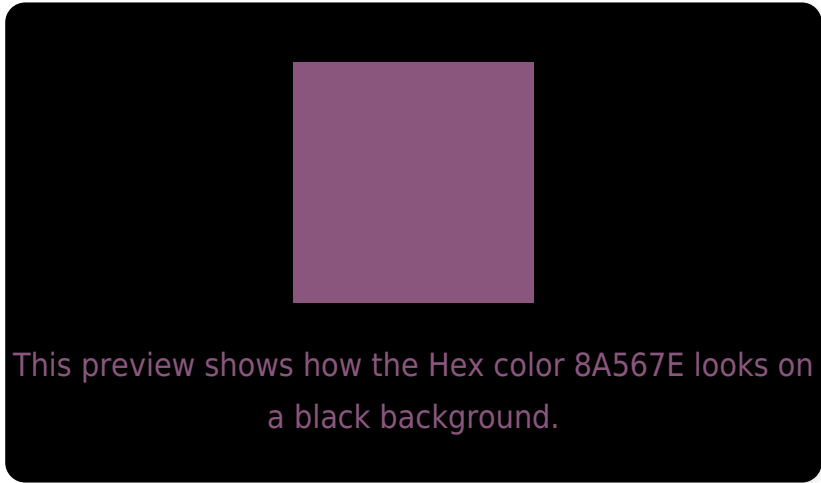
Large Text (above 18pt) WCAG AA ✓ Pass

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

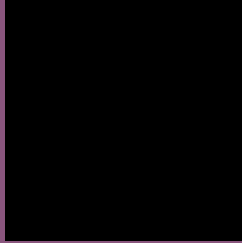
Any Text WCAG AA × Fail

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 8A567E Background



This preview shows how black text looks on a background with the Hex color 8A567E.



This preview shows how white text looks on a background with the Hex color 8A567E.

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



Original Color
8A567E

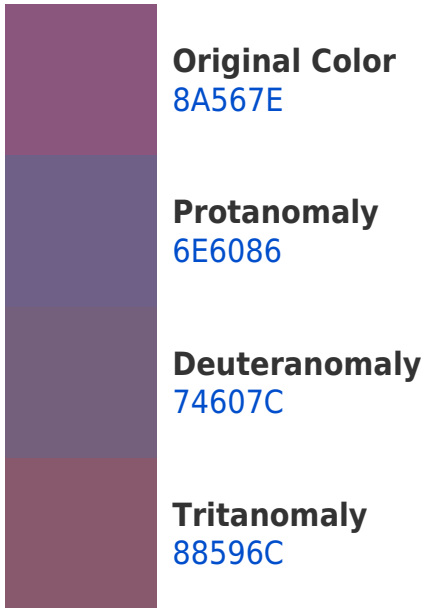
Protanopia
5E668A

Deuteranopia
68657B

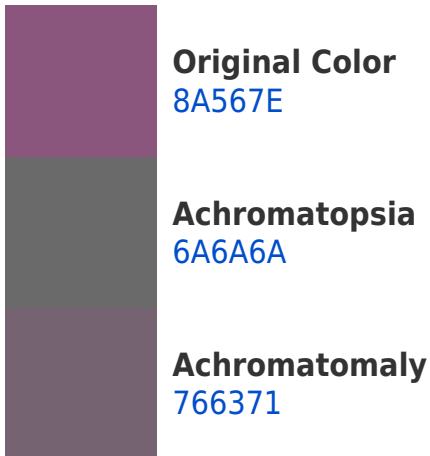


Tritanopia
875B62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A567E 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 #8A567E looks like.

```
.text, #text, p{  
    color:#8A567E  
}
```

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 #8A567E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A567E
}
```

Border

The CSS property to change the border of an element to Hex 8A567E is called "border". The border property can be set on classes, ids or directly on the HTML element.

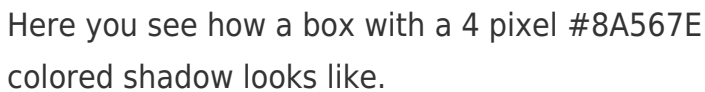
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A567E }
```

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

```
.border{ border-color:#8A567E }
```

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



Here you see how a box with a 4 pixel #8A567E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A567E; -webkit-box-shadow:4px 4px  
4px 4px #8A567E; box-shadow:4px 4px 4px  
4px #8A567E }
```

Background

The CSS property to change the background color of an element to Hex 8A567E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A567E }
```

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

```
.background{ background-color:#8A567E }
```

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