

# Converting Colors

Hex(8A407E)

Have a look what the booklet for  
Hex(8A407E) contains.

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# Color

**Hex(8A407E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A407E
RGB	138, 64, 126
RGB Percent	54%, 25%, 49%
CMY	0.4588, 0.7490, 0.5059
CMYK	0.00, 0.54, 0.09, 0.46
HSL	310°, 37%, 40%
HSV	310°, 54%, 54%
XYZ	16.0805, 10.5764, 20.9326
YIQ	93.1940, 24.2020, 34.9700

# Conversions

## Conversions Part 2

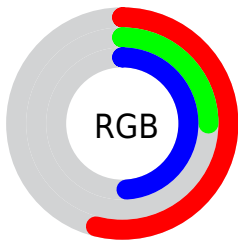
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 64, 126
Decimal	9060478
CIE <sub>Lab</sub>	38.86, 40.08, -20.85
CIE <sub>LCh</sub>	39, 45.181, 332.521
Yxy	10.5764, 0.3379, 0.2222
Android (android.graphics.Color)	4287250558 (0xFF8A407E)
YUV	93.1940, 16.1734, 39.2949
Hunter-Lab	32.5214, 31.3486, -15.3973

# Details

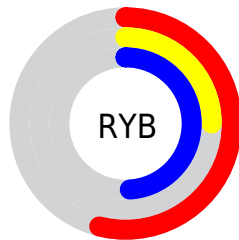
The Hex color **8A407E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **408A4C**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **C173B3**, and **560A4D** is the 20% darker color. If you saturate the color by 10%, you get **8A327C**, and if you desaturate by 10%, it is **8A4E80**.

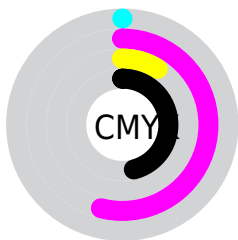
# Distribution



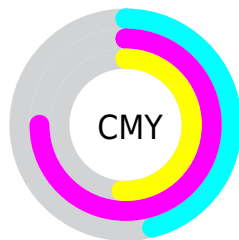
- Red (54%)
- Green (25%)
- Blue (49%)



- Red (54%)
- Yellow (25%)
- Blue (49%)



- Cyan (0%)
- Magenta (54%)
- Yellow (9%)
- Black (46%)



- Cyan (46%)
- Magenta (75%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A407E 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 8A407E by changing the saturation by 10% instead.



 8A407E

 8A407E

FFFFFF

 6F2765

 C173B3

 560A4D

 DE8DCE

 3D0036

 FBA9EB

 280021

 FFC4FF

 000004

 FFE1FF

 000000

FFFEFF

 8A407E

 8A407E

 8A327C

 8A4E80

■ 8A247A

■ 8A5C82

■ 8A1777

■ 8A6985

■ 8A0975

■ 8A7787

■ 8A0074

■ 8A8589

■ 8A938B

■ 8AA18E

■ 8AAE90

■ 8ABC92

# Harmonies

## Analogous

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



60509A



8A407E



9C375A

# Triad

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



8A407E



6B5B04



006C82

# Complementary

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



8A407E



408A4C

# 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.



006D5E



8A407E



466517

# Square

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



8A407E



884D18



006A38



00689C

# Rectangle

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



8A407E



9D3A42



006A38



006D77



# Sweetspot

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



8A407E



B396AE



4B408A



594857



D9D9D9



595959



# Same Dimension

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



8A407E



B340A0



8A405A



453E44



85006F



050004



# Inverse Universe

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



8A407E



B340A0



408A70



453E44



85006F



050004



# Previews

## White Background



This preview shows how the Hex color 8A407E looks on a white background.

## Color Contrast Check

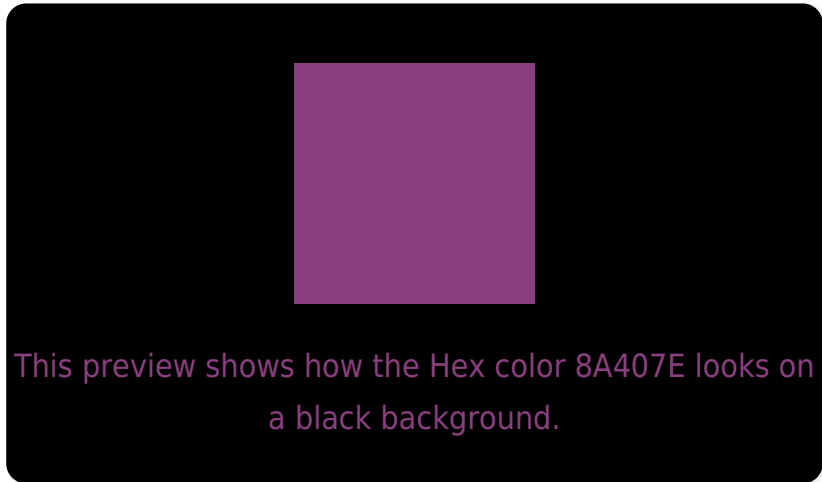
Large Text (above 18pt) WCAG AA ✓ Pass

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

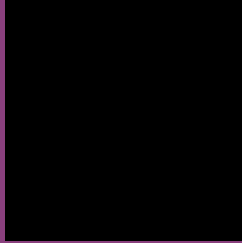
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8A407E Background



This preview shows how black text looks on a background with the Hex color 8A407E.



This preview shows how white text looks on a background with the Hex color 8A407E.

# 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**  
8A407E

**Protanopia**  
465A93

**Deuteranopia**  
555B79



**Tritanopia**  
854B50

# Trichromacy



**Original Color**  
8A407E



**Protanomaly**  
5F518B



**Deuteranomaly**  
68517B



**Tritanomaly**  
874761

# Monochromacy



**Original Color**  
8A407E



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
6D5269

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A407E 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 #8A407E looks like.

```
.text, #text, p{  
    color:#8A407E  
}
```

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 #8A407E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A407E
}
```

## Border

The CSS property to change the border of an element to Hex 8A407E is called "border". The border property can be set on classes, ids or directly on the HTML element.

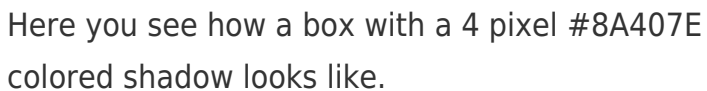
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A407E }
```

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

```
.border{ border-color:#8A407E }
```

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



Here you see how a box with a 4 pixel #8A407E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A407E; -webkit-box-shadow:4px 4px  
4px 4px #8A407E; box-shadow:4px 4px 4px  
4px #8A407E }
```

# Background

The CSS property to change the background color of an element to Hex 8A407E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A407E }
```

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

```
.background{ background-color:#8A407E }
```

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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