

Converting Colors

Hex(846A7E)

Have a look what the booklet for
Hex(846A7E) contains.

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Color

Hex(846A7E)

Conversions

Conversions Part 1

Format	Color
Hex	846A7E
RGB	132, 106, 126
RGB Percent	52%, 42%, 49%
CMY	0.4824, 0.5843, 0.5059
CMYK	0.00, 0.20, 0.05, 0.48
HSL	314°, 11%, 47%
HSV	314°, 20%, 52%
XYZ	18.4356, 16.7200, 21.9943
YIQ	116.0540, 9.0760, 11.7320

Conversions

Conversions Part 2

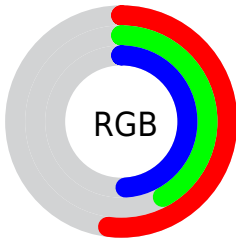
Format	Color
R_{YB}	132, 106, 126
Decimal	8678014
CIE _{Lab}	47.91, 13.98, -7.17
CIE _{LCh}	48, 15.707, 332.849
Yxy	16.7200, 0.3226, 0.2926
Android (android.graphics.Color)	4286868094 (0xFF846A7E)
YUV	116.0540, 4.9034, 13.9846
Hunter-Lab	40.8900, 8.9208, -3.2684

Details

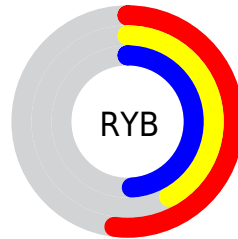
The Hex color **846A7E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A8470**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B99DB3**, and **523B4D** is the 20% darker color. If you saturate the color by 10%, you get **845D7B**, and if you desaturate by 10%, it is **847781**.

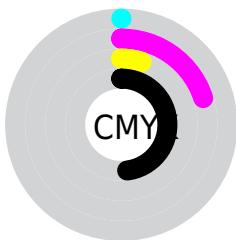
Distribution



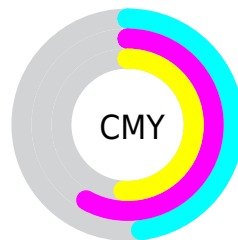
- Red (52%)
- Green (42%)
- Blue (49%)



- Red (52%)
- Yellow (42%)
- Blue (49%)



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)
- Black (48%)



- Cyan (48%)
- Magenta (58%)
- Yellow (51%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 846A7E 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 846A7E by changing the saturation by 10% instead.

■ 846A7E

■ 846A7E

FFFFFF

■ 6B5265

■ B99DB3

■ 523B4D

■ D5B8CE

■ 3B2536

■ F1D4EA

■ 251021

■ FFF0FF

■ 090009

■ 000000

■ 846A7E

■ 846A7E

■ 845D7B

■ 847781

■ 845078

■ 848484

844275

849287

843572

849F8A

84286F

84AC8D

841B6C

84B990

840E69

84C693

840066

84D496

84E199

Harmonies

Analogous

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



766E88



846A7E



8C6871

Triad

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



846A7E



7B7157



4D7980

Complementary

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



846A7E



6A8470

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.



517973



846A7E



6C755B

Square

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



846A7E



866D5B



5D7865



547689

Rectangle

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



846A7E



8D6968



5D7865



4D797B

Sweetspot

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



846A7E



ABA1A8



706A84



575155



D6D6D6



575757

Same Dimension

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



846A7E



AB82A1



846A71



423C41



820064



030002

Inverse Universe

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



846A7E



AB82A1



6A847D



423C41



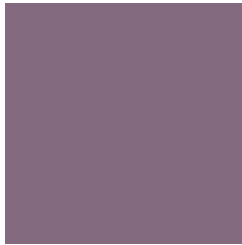
820064



030002

Previews

White Background



This preview shows how the Hex color 846A7E looks on a white background.

Color Contrast Check

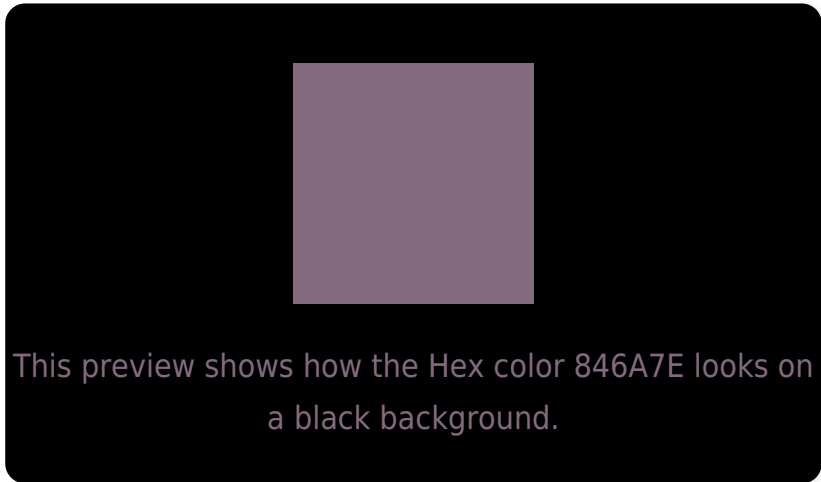
Large Text (above 18pt) WCAG AA ✓ Pass

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

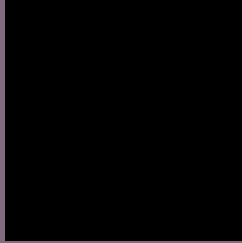
Any Text WCAG AA × Fail

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 846A7E Background



This preview shows how black text looks on a background with the Hex color 846A7E.



This preview shows how white text looks on a background with the Hex color 846A7E.

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
846A7E

Protanopia
6F7182

Deuteranopia
786F7D



Tritanopia
836C74

Trichromacy



Original Color
846A7E

Protanomaly
776E81

Deuteranomaly
7C6D7D

Tritanomaly
836B78

Monochromacy



Original Color
846A7E

Achromatopsia
747474

Achromatomaly
7A7078

CSS Examples

Text

The CSS property to change the color of the text to Hex 846A7E 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 #846A7E looks like.

```
.text, #text, p{  
  color:#846A7E  
}
```

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 #846A7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846A7E
}
```

Border

The CSS property to change the border of an element to Hex 846A7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

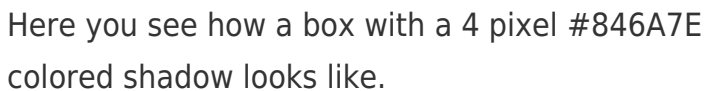
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#846A7E }
```

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

```
.border{ border-color:#846A7E }
```

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



Here you see how a box with a 4 pixel #846A7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846A7E; -webkit-box-shadow:4px 4px  
4px 4px #846A7E; box-shadow:4px 4px 4px  
4px #846A7E }
```

Background

The CSS property to change the background color of an element to Hex 846A7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846A7E }
```

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

```
.background{ background-color:#846A7E }
```

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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