

# Converting Colors

Hex(846A74)

Have a look what the booklet for  
Hex(846A74) contains.

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# Color

**Hex(846A74)**

# Conversions

## Conversions Part 1

Format	Color
Hex	846A74
RGB	132, 106, 116
RGB Percent	52%, 42%, 45%
CMY	0.4824, 0.5843, 0.5451
CMYK	0.00, 0.20, 0.12, 0.48
HSL	337°, 11%, 47%
HSV	337°, 20%, 52%
XYZ	17.8221, 16.4746, 18.7636
YIQ	114.9140, 12.2860, 8.6220

# Conversions

## Conversions Part 2

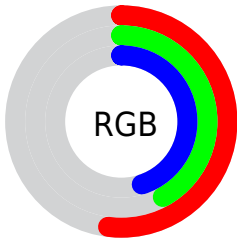
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 106, 116
Decimal	8678004
CIE <sub>Lab</sub>	47.59, 12.08, -1.66
CIE <sub>LCh</sub>	48, 12.197, 352.193
Yxy	16.4746, 0.3359, 0.3105
Android (android.graphics.Color)	4286868084 (0xFF846A74)
YUV	114.9140, 0.5354, 14.9844
Hunter-Lab	40.5889, 7.3470, 1.0034

# Details

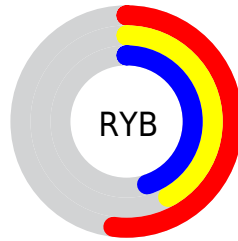
The Hex color **846A74** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A847A**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B99DA8**, and **523B44** is the 20% darker color. If you saturate the color by 10%, you get **845D6C**, and if you desaturate by 10%, it is **84777C**.

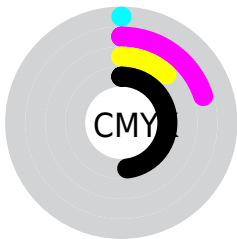
# Distribution



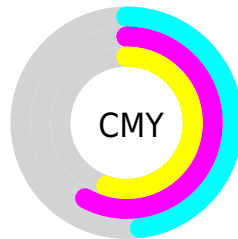
- Red (52%)
- Green (42%)
- Blue (45%)



- Red (52%)
- Yellow (42%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (12%)
- Black (48%)



- Cyan (48%)
- Magenta (58%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 846A74 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 846A74 by changing the saturation by 10% instead.





846A74



846A74

FFFFFF



6B525B



B99DA8



523B44



D5B8C3



3B252E



F2D4DF



251019



FFF0FC



040000



000000



846A74



846A74



845D6C



84777C



845064



848484

 84425C

 84928C

 843554

 849F94

 84284B

 84AC9D

 841B43

 84B9A5

 840E3B

 84C6AD

 840033

 84D4B5

 84E1BD

# Harmonies

## Analogous

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



7C6C7E



846A74



876A6A

# Triad

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



846A74



71735E



587581

# Complementary

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



846A74



6A847A

# 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.



567778



846A74



657564

# Square

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



846A74



7C6F5D



5B776E



627385

# Rectangle

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



846A74



856B64



5B776E



57767E



# Sweetspot

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



846A74



ABA1A5



7A6A84



575153



D6D6D6



575757



# Same Dimension

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



846A74



AB8292



846D6A



423C3E



820032



030001



# Inverse Universe

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



846A74



AB8292



6A8184



423C3E



820032

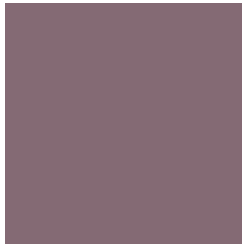


030001



# Previews

## White Background



This preview shows how the Hex color 846A74 looks on a white background.

## Color Contrast Check

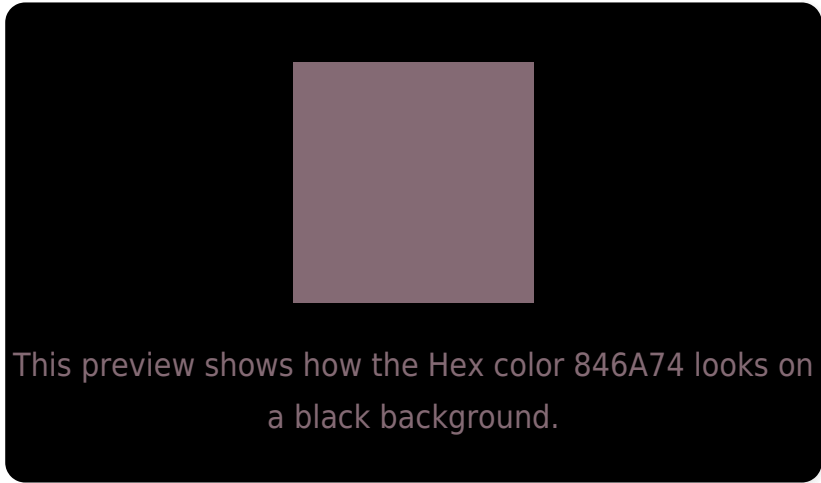
Large Text (above 18pt) WCAG AA ✓ Pass

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

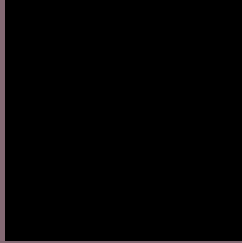
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 846A74 Background



This preview shows how black text looks on a background with the Hex color 846A74.



This preview shows how white text looks on a background with the Hex color 846A74.

# 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**

846A74

**Protanopia**

717078

**Deuteranopia**

7B6E73



**Tritanopia**  
846A72

# Trichromacy



**Original Color**  
846A74

**Protanomaly**  
786E77

**Deuteranomaly**  
7E6D73

**Tritanomaly**  
846A73

# Monochromacy



**Original Color**  
846A74

**Achromatopsia**  
737373

**Achromatomaly**  
797073

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 846A74 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 #846A74 looks like.

```
.text, #text, p{  
    color:#846A74  
}
```

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 #846A74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846A74
}
```

## Border

The CSS property to change the border of an element to Hex 846A74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

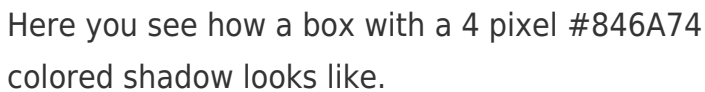
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#846A74 }
```

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

```
.border{ border-color:#846A74 }
```

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



Here you see how a box with a 4 pixel #846A74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846A74; -webkit-box-shadow:4px 4px  
4px 4px #846A74; box-shadow:4px 4px 4px  
4px #846A74 }
```

# Background

The CSS property to change the background color of an element to Hex 846A74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846A74 }
```

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

```
.background{ background-color:#846A74 }
```

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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