

Converting Colors

Hex(846C83)

Have a look what the booklet for
Hex(846C83) contains.

Hex(846C83)	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(846C83)

Conversions

Conversions Part 1

Format	Color
Hex	846C83
RGB	132, 108, 131
RGB Percent	52%, 42%, 51%
CMY	0.4824, 0.5765, 0.4863
CMYK	0.00, 0.18, 0.01, 0.48
HSL	303°, 10%, 47%
HSV	303°, 18%, 52%
XYZ	18.9750, 17.2694, 23.8060
YIQ	117.7980, 6.9210, 12.2410

Conversions

Conversions Part 2

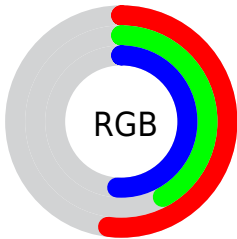
Format	Color
R_{YB}	132, 108, 131
Decimal	8678531
CIE _{Lab}	48.60, 13.79, -9.11
CIE _{LCh}	49, 16.526, 326.541
Yxy	17.2694, 0.3160, 0.2876
Android (android.graphics.Color)	4286868611 (0xFF846C83)
YUV	117.7980, 6.5086, 12.4552
Hunter-Lab	41.5564, 8.7809, -4.8753

Details

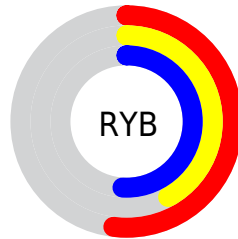
The Hex color **846C83** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C846D**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B9A0B8**, and **523C52** is the 20% darker color. If you saturate the color by 10%, you get **845F82**, and if you desaturate by 10%, it is **847984**.

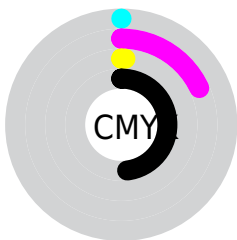
Distribution



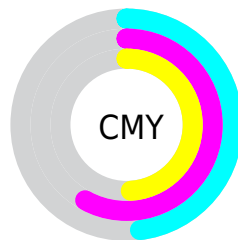
- Red (52%)
- Green (42%)
- Blue (51%)



- Red (52%)
- Yellow (42%)
- Blue (51%)



- Cyan (0%)
- Magenta (18%)
- Yellow (1%)
- Black (48%)



- Cyan (48%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 846C83 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 846C83 by changing the saturation by 10% instead.



846C83



846C83

FFFFFF



6B546A



B9A0B8



523C52



D5BBD4



3B263B



F1D6F0



251225



FFF3FF



0C0010



000000



846C83



846C83



845F82



847984



845282



848684

844481

849485

843781

84A185

842A80

84AE86

841D80

84BB86

84107F

84C887

84027F

84D687

84007E

84E388

Harmonies

Analogous

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



74708C



846C83



8E6A76

Triad

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



846C83



807258



4C7B7F

Complementary

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



846C83



6C846D

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.



537B71



846C83



71765A

Square

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



846C83



8B6D5D



617A64



51798A

Rectangle

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



846C83



906A6C



617A64



4D7B7B

Sweetspot

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



846C83



ABA2AA



6D6C84



575156



D6D6D6



575757

Same Dimension

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



846C83



AB85A9



846C77



423C42



82007D



030002

Inverse Universe

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



846C83



AB85A9



6C8479



423C42



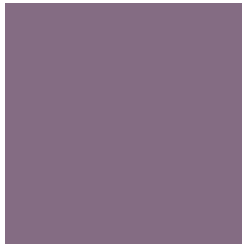
82007D



030002

Previews

White Background



This preview shows how the Hex color 846C83 looks on a white background.

Color Contrast Check

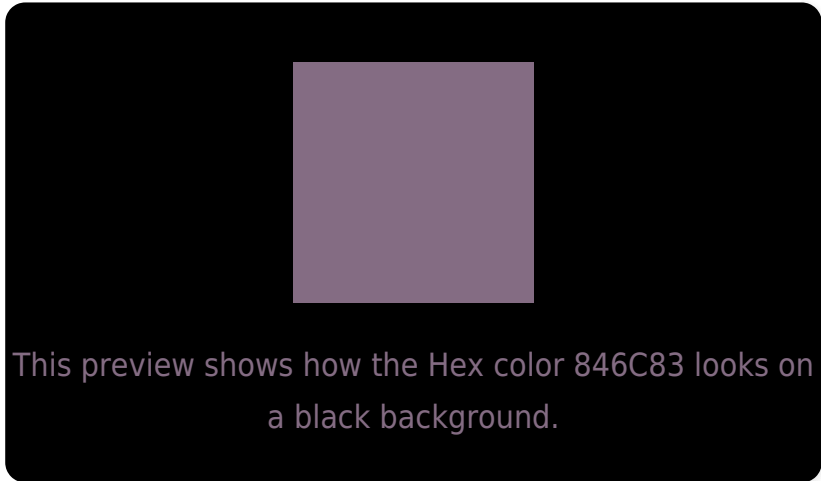
Large Text (above 18pt) WCAG AA ✓ Pass

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

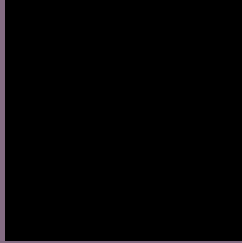
Any Text WCAG AA × Fail

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 846C83 Background



This preview shows how black text looks on a background with the Hex color 846C83.



This preview shows how white text looks on a background with the Hex color 846C83.

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
846C83

Protanopia
707387

Deuteranopia
787182



Tritanopia
826E77

Trichromacy



Original Color
846C83

Protanomaly
777086

Deuteranomaly
7C6F82

Tritanomaly
836D7B

Monochromacy



Original Color
846C83

Achromatopsia
767676

Achromatomaly
7B727B

CSS Examples

Text

The CSS property to change the color of the text to Hex 846C83 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 #846C83 looks like.

```
.text, #text, p{  
    color:#846C83  
}
```

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 #846C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846C83
}
```

Border

The CSS property to change the border of an element to Hex 846C83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

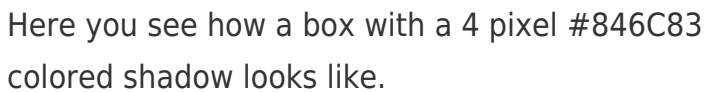
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#846C83 }
```

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

```
.border{ border-color:#846C83 }
```

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



Here you see how a box with a 4 pixel #846C83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846C83; -webkit-box-shadow:4px 4px  
4px 4px #846C83; box-shadow:4px 4px 4px  
4px #846C83 }
```

Background

The CSS property to change the background color of an element to Hex 846C83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846C83 }
```

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

```
.background{ background-color:#846C83 }
```

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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