

Converting Colors

Hex(836C81)

Have a look what the booklet for
Hex(836C81) contains.

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Color

Hex(836C81)

Conversions

Conversions Part 1

Format	Color
Hex	836C81
RGB	131, 108, 129
RGB Percent	51%, 42%, 51%
CMY	0.4863, 0.5765, 0.4941
CMYK	0.00, 0.18, 0.02, 0.49
HSL	305°, 10%, 47%
HSV	305°, 18%, 51%
XYZ	18.6851, 17.1354, 23.0915
YIQ	117.2710, 6.9670, 11.4070

Conversions

Conversions Part 2

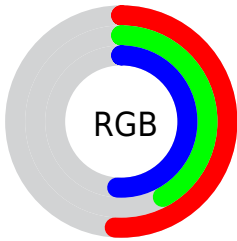
Format	Color
R_{YB}	131, 108, 129
Decimal	8612993
CIE _{Lab}	48.43, 13.01, -8.18
CIE _{LCh}	48, 15.372, 327.839
Yxy	17.1354, 0.3172, 0.2909
Android (android.graphics.Color)	4286803073 (0xFF836C81)
YUV	117.2710, 5.7824, 12.0403
Hunter-Lab	41.3949, 8.1313, -4.0976

Details

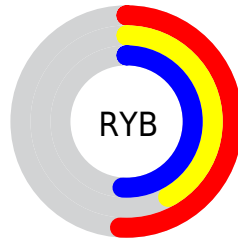
The Hex color **836C81** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C836E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B8A0B6**, and **513C50** is the 20% darker color. If you saturate the color by 10%, you get **835F80**, and if you desaturate by 10%, it is **837982**.

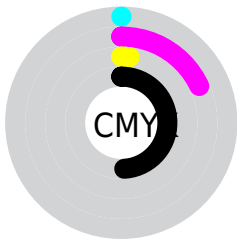
Distribution



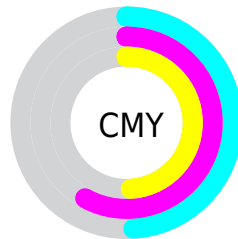
- Red (51%)
- Green (42%)
- Blue (51%)



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



- Cyan (0%)
- Magenta (18%)
- Yellow (2%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 836C81 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 836C81 by changing the saturation by 10% instead.



836C81



836C81

FFFFFF



6A5468



B8A0B6



513C50



D4BBD1



3A2639



F0D6EE



241223



FFF3FF



0A000D



000000



836C81



836C81



835F80



837982



83527F



838683

83457E

839384

83387C

83A086

832B7B

83AD87

831D7A

83BB88

831079

83C889

830378

83D58A

830078

83E28B

Harmonies

Analogous

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



74708A



836C81



8C6A74

Triad

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



836C81



7E7259



4F7A7F

Complementary

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



836C81



6C836E

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.



557A72



836C81



70765C

Square

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



836C81



896E5D



617965



547889

Rectangle

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



836C81



8E6A6C



617965



507A7A

Sweetspot

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



836C81



ABA2AA



6E6C83



575156



D6D6D6



575757

Same Dimension

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



836C81



AB87A8



836C76



423C42



820077



030002

Inverse Universe

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



836C81



AB87A8



6C8379



423C42



820077



030002

Previews

White Background



This preview shows how the Hex color 836C81 looks on a white background.

Color Contrast Check

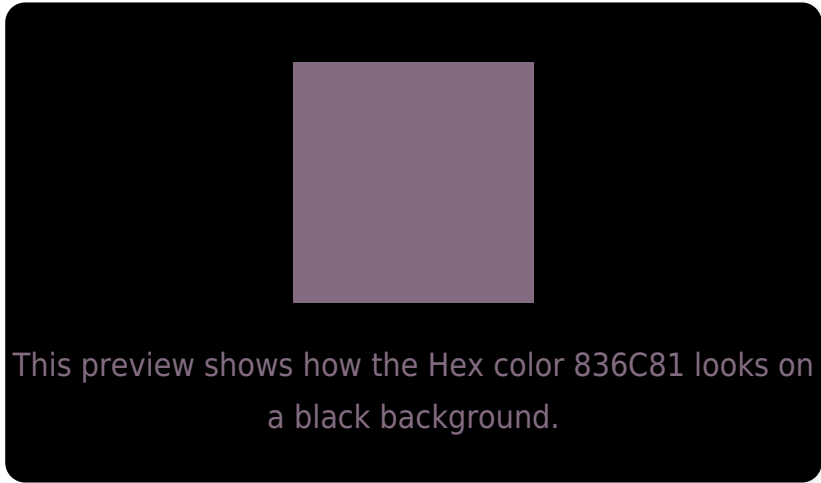
Large Text (above 18pt) WCAG AA ✓ Pass

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

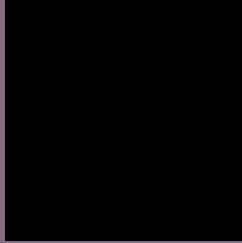
Any Text WCAG AA × Fail

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 836C81 Background



This preview shows how black text looks on a background with the Hex color 836C81.



This preview shows how white text looks on a background with the Hex color 836C81.

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
836C81

Protanopia
707285

Deuteranopia
787080



Tritanopia
826E76

Trichromacy



Original Color
836C81

Protanomaly
777084

Deuteranomaly
7C6F80

Tritanomaly
826D7A

Monochromacy



Original Color
836C81

Achromatopsia
757575

Achromatomaly
7A7279

CSS Examples

Text

The CSS property to change the color of the text to Hex 836C81 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 #836C81 looks like.

```
.text, #text, p{  
    color:#836C81  
}
```

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 #836C81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836C81
}
```

Border

The CSS property to change the border of an element to Hex 836C81 is called "border". The border property can be set on classes, ids or directly on the HTML element.

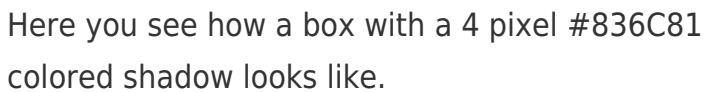
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#836C81 }
```

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

```
.border{ border-color:#836C81 }
```

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



Here you see how a box with a 4 pixel #836C81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836C81; -webkit-box-shadow:4px 4px  
4px 4px #836C81; box-shadow:4px 4px 4px  
4px #836C81 }
```

Background

The CSS property to change the background color of an element to Hex 836C81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836C81 }
```

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

```
.background{ background-color:#836C81 }
```

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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