

Converting Colors

Hex(836C7A)

Have a look what the booklet for
Hex(836C7A) contains.

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Color

Hex(836C7A)

Conversions

Conversions Part 1

Format	Color
Hex	836C7A
RGB	131, 108, 122
RGB Percent	51%, 42%, 48%
CMY	0.4863, 0.5765, 0.5216
CMYK	0.00, 0.18, 0.07, 0.49
HSL	323°, 10%, 47%
HSV	323°, 18%, 51%
XYZ	18.2355, 16.9556, 20.7240
YIQ	116.4730, 9.2140, 9.2300

Conversions

Conversions Part 2

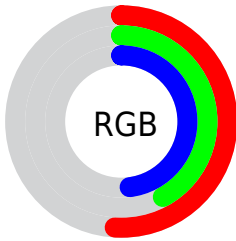
Format	Color
RYB	131, 108, 122
Decimal	8612986
CIELab	48.20, 11.64, -4.35
CIELCh	48, 12.423, 339.511
Yxy	16.9556, 0.3261, 0.3032
Android (android.graphics.Color)	4286803066 (0xFF836C7A)
YUV	116.4730, 2.7248, 12.7402
Hunter-Lab	41.1771, 6.9896, -1.0160

Details

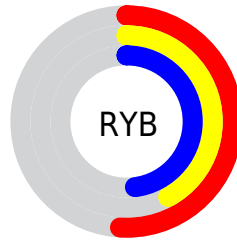
The Hex color **836C7A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C8375**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B8A0AE**, and **513C49** is the 20% darker color. If you saturate the color by 10%, you get **835F75**, and if you desaturate by 10%, it is **83797F**.

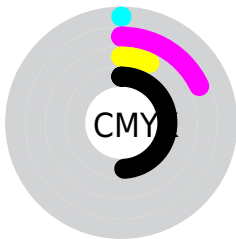
Distribution



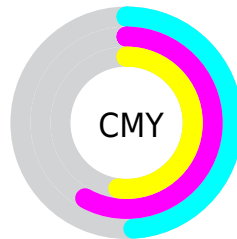
- Red (51%)
- Green (42%)
- Blue (48%)



- Red (51%)
- Yellow (42%)
- Blue (48%)



- Cyan (0%)
- Magenta (18%)
- Yellow (7%)
- Black (49%)



- Cyan (49%)
- Magenta (58%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836C7A 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 836C7A by changing the saturation by 10% instead.



836C7A



836C7A

FFFFFF



6A5461



B8A0AE



513C49



D4BBCA



3A2733



F0D6E6



24121E



FFF3FF



090003



000000



836C7A



836C7A



835F75



83797F



835270



838684

83456B

839389

833865

83A08F

832B60

83AD94

831D5B

83BB99

831056

83C89E

830351

83D5A3

830050

83E2A8

Harmonies

Analogous

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



796F83



836C7A



886B6F

Triad

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



836C7A



77735E



57787F

Complementary

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



836C7A



6C8375

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.



587975



836C7A



6B7662

Square

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



836C7A



816F5F



60786B



5E7586

Rectangle

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



836C7A



886C69



60786B



57787C

Sweetspot

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



836C7A



ABA2A8



756C83



575155



D6D6D6



575757

Same Dimension

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



836C7A



AB879D



836C6F



423C40



82004F



030002

Inverse Universe

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



836C7A



AB879D



6C8380



423C40



82004F



030002

Previews

White Background



This preview shows how the Hex color 836C7A looks on a white background.

Color Contrast Check

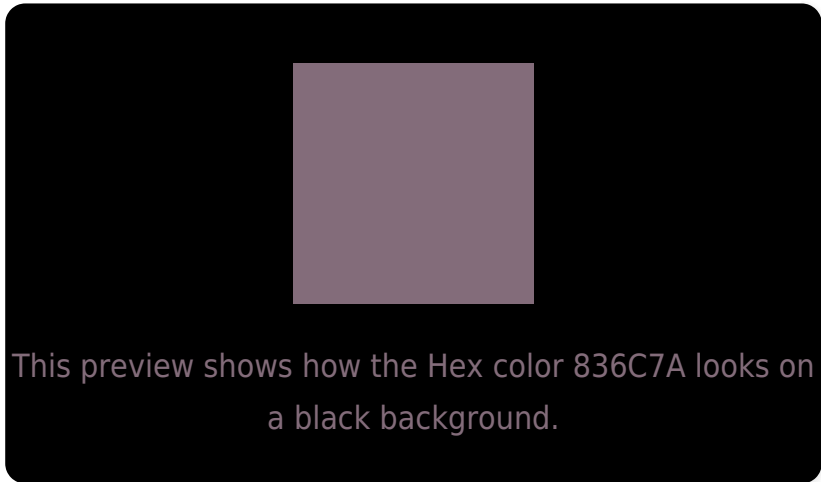
Large Text (above 18pt) WCAG AA ✓ Pass

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

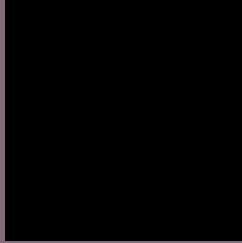
Any Text WCAG AA × Fail

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 836C7A Background



This preview shows how black text looks on a background with the Hex color 836C7A.

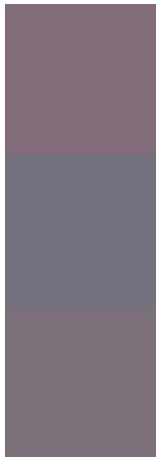


This preview shows how white text looks on a background with the Hex color 836C7A.

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
836C7A

Protanopia
71727E

Deuteranopia
7B6F79



Tritanopia
826D75

Trichromacy



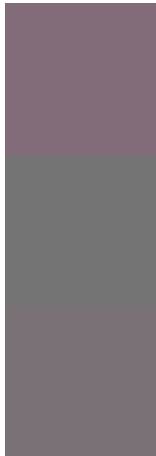
Original Color
836C7A

Protanomaly
78707D

Deuteranomaly
7E6E79

Tritanomaly
826D77

Monochromacy



Original Color
836C7A

Achromatopsia
747474

Achromatomaly
797176

CSS Examples

Text

The CSS property to change the color of the text to Hex 836C7A 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 #836C7A looks like.

```
.text, #text, p{  
    color:#836C7A  
}
```

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 #836C7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836C7A
}
```

Border

The CSS property to change the border of an element to Hex 836C7A is called "border". The border property can be set on classes, ids or directly on the HTML element.

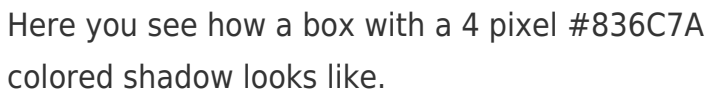
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#836C7A }
```

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

```
.border{ border-color:#836C7A }
```

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



Here you see how a box with a 4 pixel #836C7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836C7A; -webkit-box-shadow:4px 4px  
4px 4px #836C7A; box-shadow:4px 4px 4px  
4px #836C7A }
```

Background

The CSS property to change the background color of an element to Hex 836C7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836C7A }
```

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

```
.background{ background-color:#836C7A }
```

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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