

# Converting Colors

Hex(836772)

Have a look what the booklet for  
Hex(836772) contains.

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**Color**

**Hex(836772)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	836772
RGB	131, 103, 114
RGB Percent	51%, 40%, 45%
CMY	0.4863, 0.5961, 0.5529
CMYK	0.00, 0.21, 0.13, 0.49
HSL	336°, 12%, 46%
HSV	336°, 21%, 51%
XYZ	17.2476, 15.7407, 18.0488
YIQ	112.6260, 13.1570, 9.3570

# Conversions

## Conversions Part 2

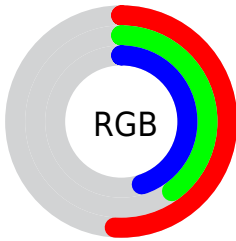
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 103, 114
Decimal	8611698
CIE <sub>Lab</sub>	46.63, 13.11, -1.88
CIE <sub>LCh</sub>	47, 13.240, 351.846
Yxy	15.7407, 0.3379, 0.3084
Android (android.graphics.Color)	4286801778 (0xFF836772)
YUV	112.6260, 0.6774, 16.1140
Hunter-Lab	39.6745, 8.1683, 0.7999

# Details

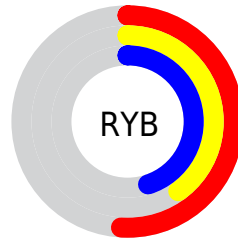
The Hex color **836772** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **678378**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B89AA6**, and **513842** is the 20% darker color. If you saturate the color by 10%, you get **835A6A**, and if you desaturate by 10%, it is **83747A**.

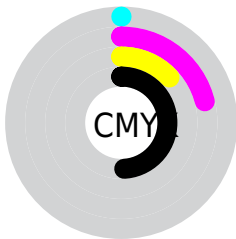
# Distribution



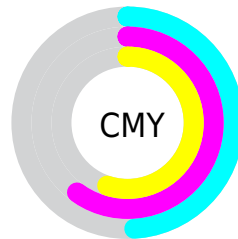
- Red (51%)
- Green (40%)
- Blue (45%)



- Red (51%)
- Yellow (40%)
- Blue (45%)



- Cyan (0%)
- Magenta (21%)
- Yellow (13%)
- Black (49%)



- Cyan (49%)
- Magenta (60%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 836772 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 836772 by changing the saturation by 10% instead.





836772



836772

FFFFFF



6A4F5A



B89AA6



513842



D4B5C1



3A222C



F1D1DD



240D18



FFEDF9



000000



836772



836772



835A6A



83747A



834D62



838182



83405A



838E8A

 833352

 839B92

 83264A

 83A99A

 831842

 83B6A2

 830B3A

 83C3AA

 830033

 83D0B2

 83DDBA

# Harmonies

## Analogous

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



7A697C



836772



866767

# Triad

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



836772



6E705A



537380

# Complementary

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



836772



678378

# 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.



517576



836772



627361

# Square

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



836772



7A6D59



57756B



5E7084

# Rectangle

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



836772



846860



57756B



52747D



# Sweetspot

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



836772



ABA1A5



786783



575153



D6D6D6



575757



# Same Dimension

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



836772



AB7E90



836A67



423C3E



820033



030001



# Inverse Universe

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



836772



AB7E90



678083



423C3E



820033

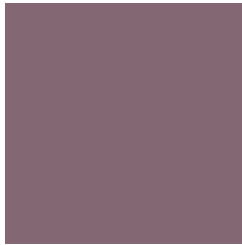


030001



# Previews

## White Background



This preview shows how the Hex color 836772 looks on a white background.

## Color Contrast Check

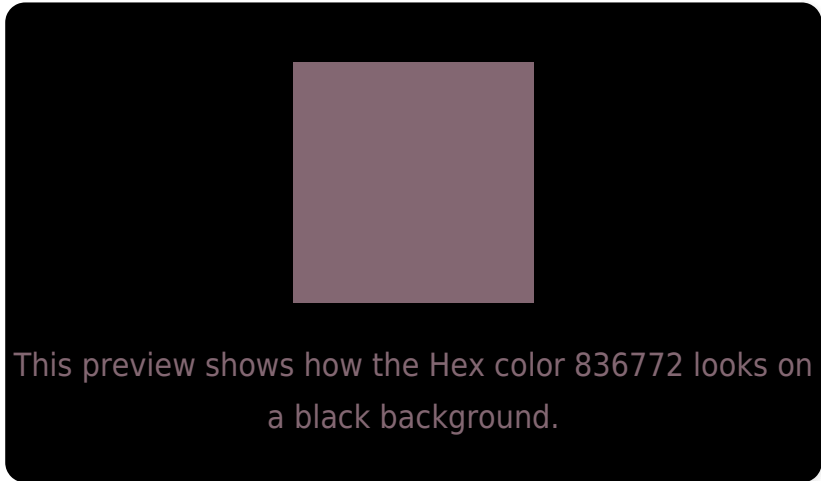
Large Text (above 18pt) WCAG AA ✓ Pass

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

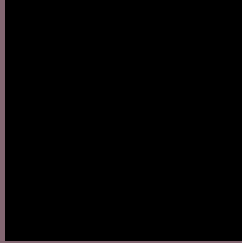
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 836772 Background



This preview shows how black text looks on a background with the Hex color 836772.



This preview shows how white text looks on a background with the Hex color 836772.

# 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**  
836772

**Protanopia**  
6E6E76

**Deuteranopia**  
786B71



**Tritanopia**  
83676F

# Trichromacy



**Original Color**  
836772

**Protanomaly**  
766B75

**Deuteranomaly**  
7C6A71

**Tritanomaly**  
836770

# Monochromacy



**Original Color**  
836772

**Achromatopsia**  
717171

**Achromatomaly**  
786D71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 836772 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 #836772 looks like.

```
.text, #text, p{  
    color:#836772  
}
```

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 #836772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836772
}
```

## Border

The CSS property to change the border of an element to Hex 836772 is called "border". The border property can be set on classes, ids or directly on the HTML element.

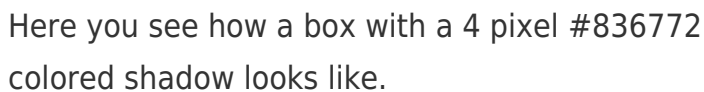
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#836772 }
```

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

```
.border{ border-color:#836772 }
```

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



Here you see how a box with a 4 pixel #836772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836772; -webkit-box-shadow:4px 4px  
4px 4px #836772; box-shadow:4px 4px 4px  
4px #836772 }
```

# Background

The CSS property to change the background color of an element to Hex 836772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836772 }
```

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

```
.background{ background-color:#836772 }
```

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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