

Converting Colors

Hex(836E76)

Have a look what the booklet for
Hex(836E76) contains.

Hex(836E76)	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(836E76)

Conversions

Conversions Part 1

Format	Color
Hex	836E76
RGB	131, 110, 118
RGB Percent	51%, 43%, 46%
CMY	0.4863, 0.5686, 0.5373
CMYK	0.00, 0.16, 0.10, 0.49
HSL	337°, 9%, 47%
HSV	337°, 16%, 51%
XYZ	18.2060, 17.2852, 19.5163
YIQ	117.1910, 9.9480, 6.9400

Conversions

Conversions Part 2

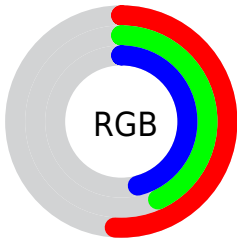
Format	Color
R_{YB}	131, 110, 118
Decimal	8613494
CIE _{Lab}	48.62, 9.70, -1.36
CIE _{LCh}	49, 9.794, 352.041
Yxy	17.2852, 0.3310, 0.3142
Android (android.graphics.Color)	4286803574 (0xFF836E76)
YUV	117.1910, 0.3988, 12.1105
Hunter-Lab	41.5754, 5.4087, 1.2709

Details

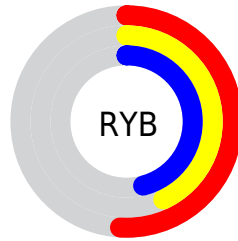
The Hex color **836E76** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E837B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B8A2AA**, and **513E46** is the 20% darker color. If you saturate the color by 10%, you get **83616E**, and if you desaturate by 10%, it is **837B7E**.

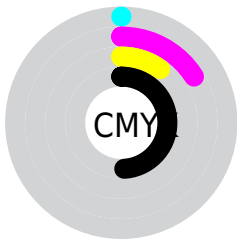
Distribution



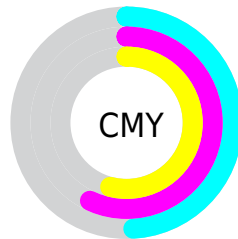
- Red (51%)
- Green (43%)
- Blue (46%)



- Red (51%)
- Yellow (43%)
- Blue (46%)



- Cyan (0%)
- Magenta (16%)
- Yellow (10%)
- Black (49%)



- Cyan (49%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836E76 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 836E76 by changing the saturation by 10% instead.

 836E76

 836E76

FFFFFF

 6A565D

 B8A2AA

 513E46

 D4BDC5

 3A2830

 F0D8E1

 24141B

 FFF5FE

 0A0000

 000000

 836E76

 836E76

 83616E

 837B7E

 835466

 838886

83475E

83958E

833A56

83A296

832D4D

83B09F

831F45

83BDA7

83123D

83CAAF

830535

83D7B7

830032

83E4BF

Harmonies

Analogous

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



7C707E



836E76



856E6E

Triad

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



836E76



747564



607780

Complementary

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



836E76



6E837B

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.



5E7879



836E76



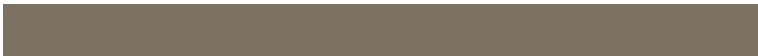
6A7769

Square

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



836E76



7C7263



627871



687584

Rectangle

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



836E76



846F69



627871



5F787E

Sweetspot

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



836E76



ABA2A6



7B6E83



575153



D6D6D6



575757

Same Dimension

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



836E76



AB8A97



83706E



423C3E



820032



030001

Inverse Universe

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



836E76



AB8A97



6E8183



423C3E



820032



030001

Previews

White Background



This preview shows how the Hex color 836E76 looks on a white background.

Color Contrast Check

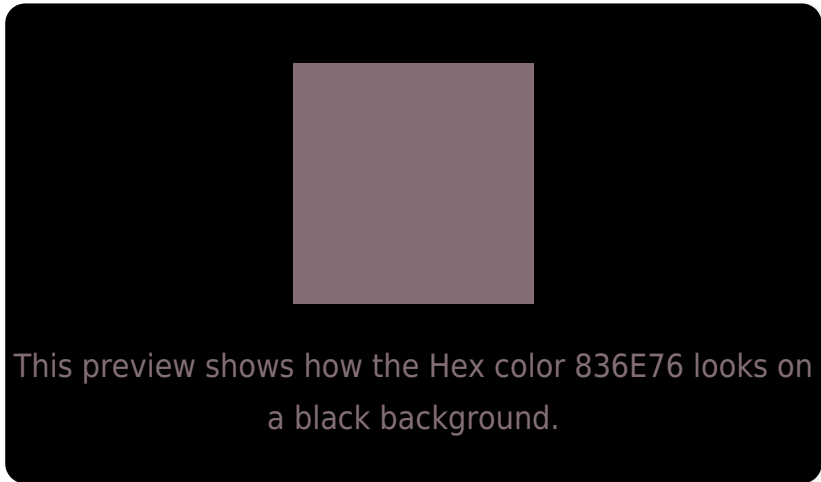
Large Text (above 18pt) WCAG AA ✓ Pass

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

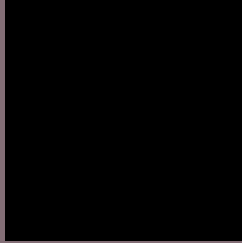
Any Text WCAG AA × Fail

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 836E76 Background



This preview shows how black text looks on a background with the Hex color 836E76.



This preview shows how white text looks on a background with the Hex color 836E76.

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
836E76

Protanopia
747379

Deuteranopia
7E7076



Tritanopia
836E76

Trichromacy



Original Color

836E76

Protanomaly

797178

Deuteranomaly

806F76

Tritanomaly

836E76

Monochromacy



Original Color

836E76

Achromatopsia

757575

Achromatomaly

7A7275

CSS Examples

Text

The CSS property to change the color of the text to Hex 836E76 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 #836E76 looks like.

```
.text, #text, p{  
    color:#836E76  
}
```

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 #836E76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836E76
}
```

Border

The CSS property to change the border of an element to Hex 836E76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

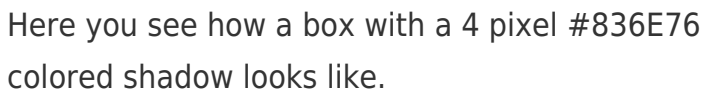
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#836E76 }
```

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

```
.border{ border-color:#836E76 }
```

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



Here you see how a box with a 4 pixel #836E76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836E76; -webkit-box-shadow:4px 4px  
4px 4px #836E76; box-shadow:4px 4px 4px  
4px #836E76 }
```

Background

The CSS property to change the background color of an element to Hex 836E76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836E76 }
```

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

```
.background{ background-color:#836E76 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor