

Converting Colors

Hex(836F6F)

Have a look what the booklet for
Hex(836F6F) contains.

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Color

Hex(836F6F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 836F6F |
| RGB | 131, 111, 111 |
| RGB Percent | 51%, 44%, 44% |
| CMY | 0.4863, 0.5647, 0.5647 |
| CMYK | 0.00, 0.15, 0.15, 0.49 |
| HSL | 0°, 8%, 47% |
| HSV | 0°, 15%, 51% |
| XYZ | 17.9138, 17.3419, 17.4421 |
| YIQ | 116.9800, 11.9200, 4.2400 |

Conversions

Conversions Part 2

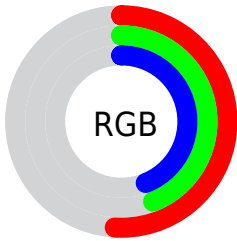
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 131, 111, 111 |
| Decimal | 8613743 |
| CIE Lab | 48.69, 7.85, 2.91 |
| CIE LCh | 49, 8.368, 20.358 |
| Yxy | 17.3419, 0.3399, 0.3291 |
| Android (android.graphics.Color) | 4286803823 (0xFF836F6F) |
| YUV | 116.9800, -2.9481, 12.2955 |
| Hunter-Lab | 41.6436, 3.9088, 4.3173 |

Details

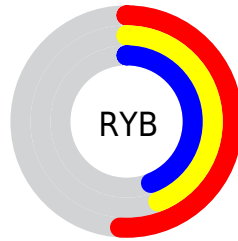
The Hex color **836F6F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F8383**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B8A3A3**, and **513F3F** is the 20% darker color. If you saturate the color by 10%, you get **836262**, and if you desaturate by 10%, it is **837C7C**.

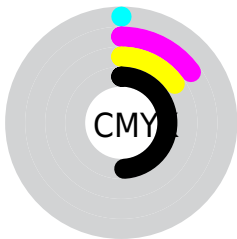
Distribution



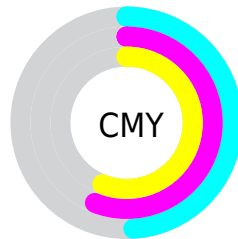
- Red (51%)
- Green (44%)
- Blue (44%)



- Red (51%)
- Yellow (44%)
- Blue (44%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (49%)



- Cyan (49%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836F6F 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 836F6F by changing the saturation by 10% instead.



836F6F



836F6F

FFFFFF



6A5757



B8A3A3



513F3F



D4BEBE



3A292A



F0DAD9



241515



FFF6F6



060000



000000



836F6F



836F6F



836262



837C7C



835555



838989

 834848

 839696

 833B3B

 83A3A3

 832E2E

 83B1B1

 832020

 83BEBE

 831313

 83CBCB

 830606

 83D8D8

 830000

 83E5E5

Harmonies

Analogous

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



816F76



836F6F



817069

Triad

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



836F6F



6C776A



6A7581

Complementary

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



836F6F



6F8383

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.



63777E



836F6F



657871

Square

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



836F6F



747566



627878



727381

Rectangle

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



836F6F



7E7267



627878



677681

Sweetspot

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



836F6F



ABA2A2



836F83



575151



D6D6D6



575757

Same Dimension

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



836F6F



AB8C8C



83796F



423C3C



820000



030000

Inverse Universe

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



6F8383



8CABAB



6F7983



3C4242



008282



000303

Previews

White Background



This preview shows how the Hex color 836F6F looks on a white background.

Color Contrast Check

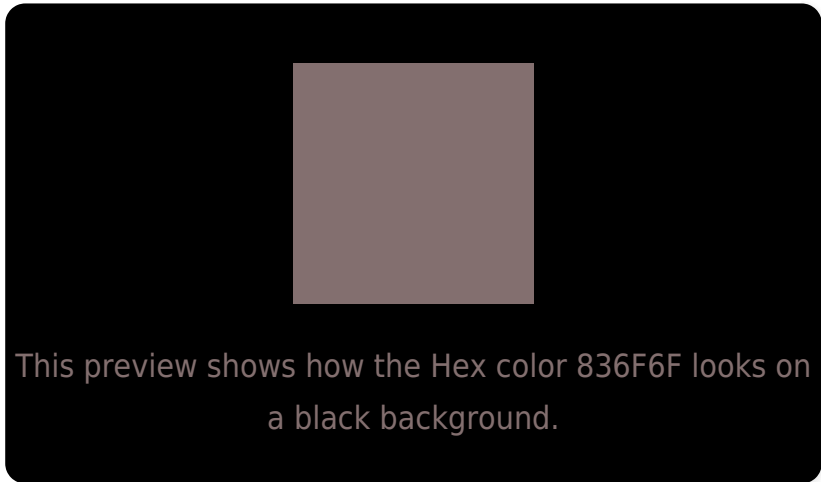
Large Text (above 18pt) WCAG AA ✓ Pass

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

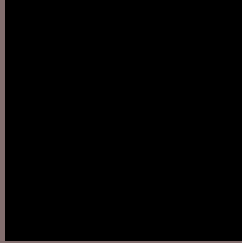
Any Text WCAG AA × Fail

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 836F6F Background



This preview shows how black text looks on a background with the Hex color 836F6F.

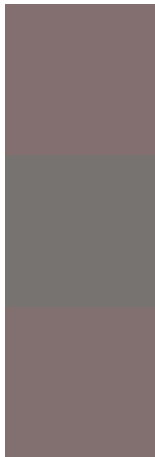


This preview shows how white text looks on a background with the Hex color 836F6F.

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
836F6F

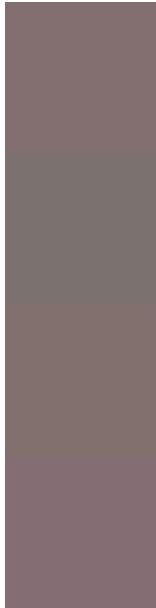
Protanopia
767371

Deuteranopia
81706F



Tritanopia
846E76

Trichromacy



Original Color
836F6F

Protanomaly
7B7270

Deuteranomaly
82706F

Tritanomaly
846E73

Monochromacy



Original Color
836F6F

Achromatopsia
757575

Achromatomaly
7A7373

CSS Examples

Text

The CSS property to change the color of the text to Hex 836F6F 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 #836F6F looks like.

```
.text, #text, p{  
    color:#836F6F  
}
```

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 #836F6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836F6F
}
```

Border

The CSS property to change the border of an element to Hex 836F6F is called "border". The border property can be set on classes, ids or directly on the HTML element.

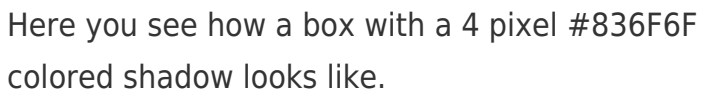
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#836F6F }
```

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

```
.border{ border-color:#836F6F }
```

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



Here you see how a box with a 4 pixel #836F6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836F6F; -webkit-box-shadow:4px 4px  
4px 4px #836F6F; box-shadow:4px 4px 4px  
4px #836F6F }
```

Background

The CSS property to change the background color of an element to Hex 836F6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836F6F }
```

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

```
.background{ background-color:#836F6F }
```

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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