

Converting Colors

Hex(876B71)

Have a look what the booklet for
Hex(876B71) contains.

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Color

Hex(876B71)

Conversions

Conversions Part 1

Format	Color
Hex	876B71
RGB	135, 107, 113
RGB Percent	53%, 42%, 44%
CMY	0.4706, 0.5804, 0.5569
CMYK	0.00, 0.21, 0.16, 0.47
HSL	347°, 12%, 47%
HSV	347°, 21%, 53%
XYZ	18.2300, 16.8585, 17.9160
YIQ	116.0560, 14.7620, 7.8020

Conversions

Conversions Part 2

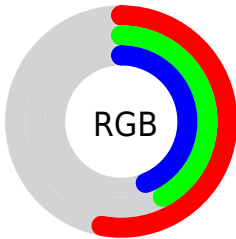
Format	Color
R_{YB}	135, 107, 113
Decimal	8874865
CIE _{Lab}	48.08, 12.14, 0.89
CIE _{LCh}	48, 12.170, 4.195
Yxy	16.8585, 0.3439, 0.3181
Android (android.graphics.Color)	4287064945 (0xFF876B71)
YUV	116.0560, -1.5066, 16.6139
Hunter-Lab	41.0592, 7.3994, 2.8705

Details

The Hex color **876B71** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6B8781**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **BD9EA5**, and **553C41** is the 20% darker color. If you saturate the color by 10%, you get **875E66**, and if you desaturate by 10%, it is **87797C**.

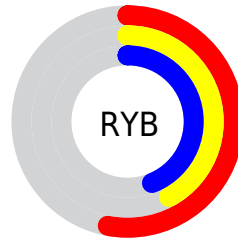
Distribution



Red (53%)

Green (42%)

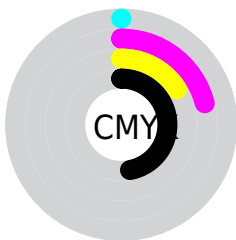
Blue (44%)



Red (53%)

Yellow (42%)

Blue (44%)

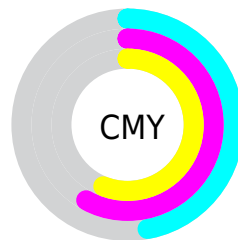


Cyan (0%)

Magenta (21%)

Yellow (16%)

Black (47%)



Cyan (47%)

Magenta (58%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 876B71 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 876B71 by changing the saturation by 10% instead.

 876B71

 876B71

FFFFFF

 6D5359

 BD9EA5

 553C41

 D8B9C0

 3D262B

 F5D5DC

 271117

 FFF2F8

 0A0000

 000000

 876B71

 876B71

 875E66

 87797C

 87505C

 878686

 874351

 879391

 873547

 87A19B

 87283C

 87AFA6

 871A31

 87BCB1

 870D27

 87CABB

 87001D

 87D7C6

 87E5D0

Harmonies

Analogous

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



816C7B



876B71



876C67

Triad

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



876B71



6D7561



5D7684

Complementary

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



876B71



6B8781

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.



57787D



876B71



627769

Square

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



876B71



79725E



597873



697386

Rectangle

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



876B71



846D62



597873



5A7682

Sweetspot

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



876B71



B0A5A8



816B87



595354



D9D9D9



595959

Same Dimension

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



876B71



B0848D



87736B



423C3D



82001C



030001

Inverse Universe

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



876B71



B0848D



6B7F87



423C3D



82001C



030001

Previews

White Background



This preview shows how the Hex color 876B71 looks on a white background.

Color Contrast Check

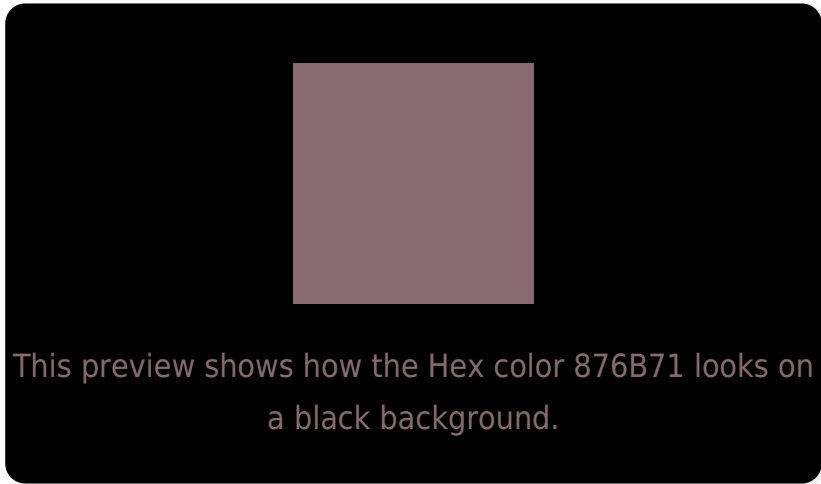
Large Text (above 18pt) WCAG AA ✓ Pass

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

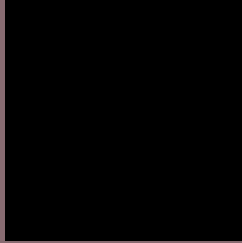
Any Text WCAG AA × Fail

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 876B71 Background



This preview shows how black text looks on a background with the Hex color 876B71.



This preview shows how white text looks on a background with the Hex color 876B71.

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
876B71

Protanopia
747275

Deuteranopia
7E6F70



Tritanopia
876B73

Trichromacy



Original Color
876B71

Protanomaly
7B6F74

Deuteranomaly
816E70

Tritanomaly
876B72

Monochromacy



Original Color
876B71

Achromatopsia
747474

Achromatomaly
7B7173

CSS Examples

Text

The CSS property to change the color of the text to Hex 876B71 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 #876B71 looks like.

```
.text, #text, p{  
    color:#876B71  
}
```

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 #876B71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876B71
}
```

Border

The CSS property to change the border of an element to Hex 876B71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

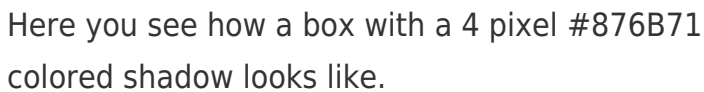
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#876B71 }
```

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

```
.border{ border-color:#876B71 }
```

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



Here you see how a box with a 4 pixel #876B71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876B71; -webkit-box-shadow:4px 4px  
4px 4px #876B71; box-shadow:4px 4px 4px  
4px #876B71 }
```

Background

The CSS property to change the background color of an element to Hex 876B71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876B71 }
```

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

```
.background{ background-color:#876B71 }
```

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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