

Converting Colors

Hex(856A69)

Have a look what the booklet for
Hex(856A69) contains.

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Color

Hex(856A69)

Conversions

Conversions Part 1

Format	Color
Hex	856A69
RGB	133, 106, 105
RGB Percent	52%, 42%, 41%
CMY	0.4784, 0.5843, 0.5882
CMYK	0.00, 0.20, 0.21, 0.48
HSL	2°, 12%, 47%
HSV	2°, 21%, 52%
XYZ	17.3767, 16.3145, 15.5978
YIQ	113.9590, 16.4130, 5.4130

Conversions

Conversions Part 2

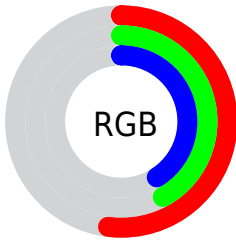
Format	Color
R_{YB}	133, 106, 105
Decimal	8743529
CIE Lab	47.38, 10.57, 4.64
CIE LCh	47, 11.542, 23.681
Yxy	16.3145, 0.3525, 0.3310
Android (android.graphics.Color)	4286933609 (0xFF856A69)
YUV	113.9590, -4.4168, 16.6990
Hunter-Lab	40.3913, 6.1077, 5.3780

Details

The Hex color **856A69** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **698485**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **BB9D9C**, and **533B3A** is the 20% darker color. If you saturate the color by 10%, you get **855D5C**, and if you desaturate by 10%, it is **857776**.

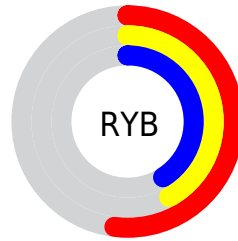
Distribution



Red (52%)

Green (42%)

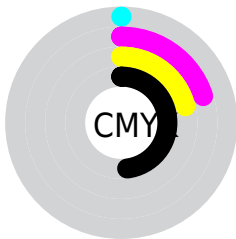
Blue (41%)



Red (52%)

Yellow (42%)

Blue (41%)

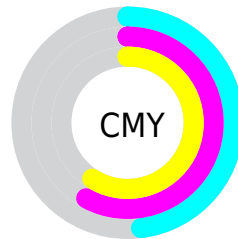


Cyan (0%)

Magenta (20%)

Yellow (21%)

Black (48%)



Cyan (48%)

Magenta (58%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 856A69 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 856A69 by changing the saturation by 10% instead.



856A69



856A69

FFFFFF



6B5251



BB9D9C



533B3A



D6B8B7



3B2524



F3D4D3



25110F



FFF0EF



000000



856A69



856A69



855D5C



857776



85504E



858484



854441



859091

■ 853734

■ 859D9E

■ 852A27

■ 85AAAB

■ 851D19

■ 85B7B9

■ 85100C

■ 85C4C6

■ 850500

■ 85D1D3

■ 85DDE1

Harmonies

Analogous

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



836A73



856A69



826C61

Triad

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



856A69



657565



637283

Complementary

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



856A69



698485

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.



5A7480



856A69



5B766E

Square

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



856A69



70725F



577678



706F82

Rectangle

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



856A69



7D6E5E



577678



607383

Sweetspot

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



856A69



ADA3A3



856984



575151



D6D6D6



575757

Same Dimension

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



856A69



AD8482



857869



423C3C



820500



030000

Inverse Universe

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



698485



82ACAD



697685



3C4242



007D82



000203

Previews

White Background



This preview shows how the Hex color 856A69 looks on a white background.

Color Contrast Check

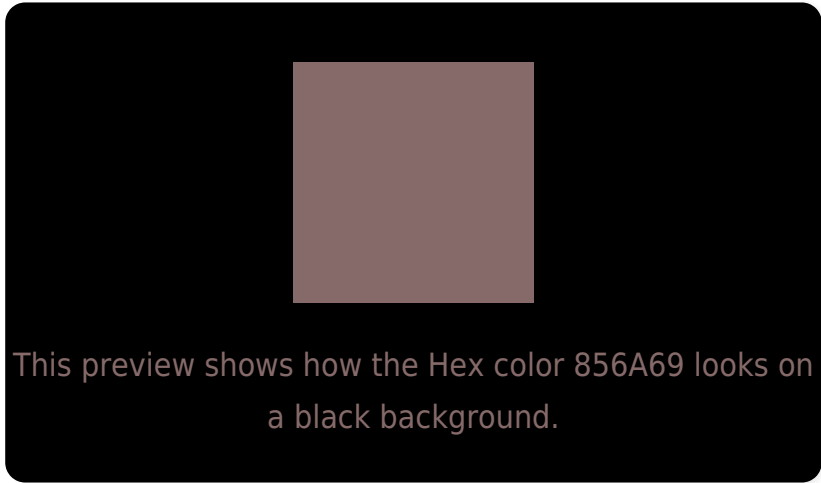
Large Text (above 18pt) WCAG AA ✓ Pass

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 856A69 Background



This preview shows how black text looks on a background with the Hex color 856A69.

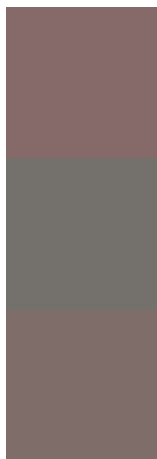


This preview shows how white text looks on a background with the Hex color 856A69.

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
856A69

Protanopia
74706C

Deuteranopia
7E6D68



Tritanopia
866971

Trichromacy



Original Color
856A69

Protanomaly
7A6E6B

Deuteranomaly
816C68

Tritanomaly
86696E

Monochromacy



Original Color
856A69

Achromatopsia
727272

Achromatomaly
796F6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 856A69 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 #856A69 looks like.

```
.text, #text, p{  
    color:#856A69  
}
```

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 #856A69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #856A69
}
```

Border

The CSS property to change the border of an element to Hex 856A69 is called "border". The border property can be set on classes, ids or directly on the HTML element.

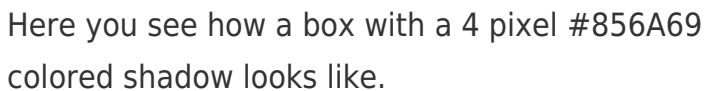
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#856A69 }
```

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

```
.border{ border-color:#856A69 }
```

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



Here you see how a box with a 4 pixel #856A69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #856A69; -webkit-box-shadow:4px 4px  
4px 4px #856A69; box-shadow:4px 4px 4px  
4px #856A69 }
```

Background

The CSS property to change the background color of an element to Hex 856A69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#856A69 }
```

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

```
.background{ background-color:#856A69 }
```

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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