

Converting Colors

Hex(856D54)

Have a look what the booklet for
Hex(856D54) contains.

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Color

Hex(856D54)

Conversions

Conversions Part 1

Format	Color
Hex	856D54
RGB	133, 109, 84
RGB Percent	52%, 43%, 33%
CMY	0.4784, 0.5725, 0.6706
CMYK	0.00, 0.18, 0.37, 0.48
HSL	31°, 23%, 43%
HSV	31°, 37%, 52%
XYZ	16.7417, 16.5639, 10.7023
YIQ	113.3260, 22.3290, -2.6870

Conversions

Conversions Part 2

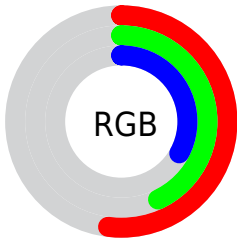
Format	Color
RYB	131, 133, 84
Decimal	8744276
CIELab	47.71, 5.69, 17.54
CIELCh	48, 18.436, 72.039
Yxy	16.5639, 0.3804, 0.3764
Android (android.graphics.Color)	4286934356 (0xFF856D54)
YUV	113.3260, -14.4577, 17.2541
Hunter-Lab	40.6988, 2.2044, 12.8981

Details

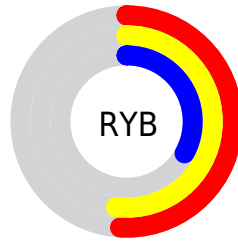
The Hex color **856D54** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **546C85**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **BBA086**, and **523E27** is the 20% darker color. If you saturate the color by 10%, you get **856647**, and if you desaturate by 10%, it is **857461**.

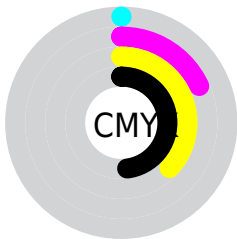
Distribution



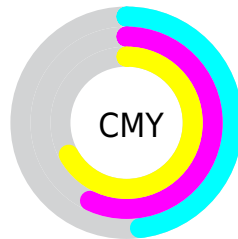
- Red (52%)
- Green (43%)
- Blue (33%)



- Red (51%)
- Yellow (52%)
- Blue (33%)



- Cyan (0%)
- Magenta (18%)
- Yellow (37%)
- Black (48%)



- Cyan (48%)
- Magenta (57%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 856D54 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 856D54 by changing the saturation by 10% instead.

 856D54

 856D54

FFFFFF

 6B553D

 BBA086

 523E27

 D7BBA0

 3A2812

 F4D7BB

 241400

 FFF4D7

 000000

 FFFFF3

 856D54

 856D54

 856647

 857461

 856039

 857A6F

 85592C

 85817C

 85531F

 858789

 854C12

 858E97

 854604

 8594A4

 854400

 859BB1

 85A1BE

 85A8CC

Harmonies

Analogous

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



8F685D



856D54



767253

Triad

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



856D54



467A77



7B6B88

Complementary

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



856D54



546C85

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.



67708F



856D54



457985

Square

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



856D54



537967



52758E



8A677B

Rectangle

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



856D54



6B7557



52758E



756D8B

Sweetspot

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



856D54



ADA49A



85546D



57514B



D6D6D6



575757

Same Dimension

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



856D54



AD8861



858554



423F3C



824200



030100

Inverse Universe

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



546C85



6186AD



545485



3C3F42



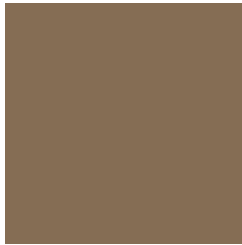
004082



000103

Previews

White Background



This preview shows how the Hex color 856D54 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

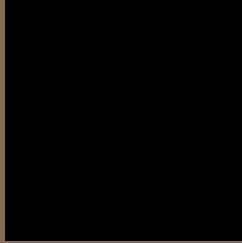
Any Text WCAG AA × Fail

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 856D54 Background



This preview shows how black text looks on a background with the Hex color 856D54.



This preview shows how white text looks on a background with the Hex color 856D54.

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
856D54

Protanopia
797156

Deuteranopia
866D54



Tritanopia
886971

Trichromacy



Original Color
856D54

Protanomaly
7D7055

Deuteranomaly
866D54

Tritanomaly
876A66

Monochromacy



Original Color
856D54

Achromatopsia
717171

Achromatomaly
787066

CSS Examples

Text

The CSS property to change the color of the text to Hex 856D54 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 #856D54 looks like.

```
.text, #text, p{  
    color:#856D54  
}
```

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 #856D54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #856D54
}
```

Border

The CSS property to change the border of an element to Hex 856D54 is called "border". The border property can be set on classes, ids or directly on the HTML element.

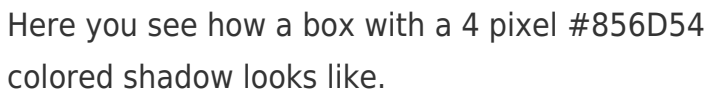
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#856D54 }
```

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

```
.border{ border-color:#856D54 }
```

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



Here you see how a box with a 4 pixel #856D54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #856D54; -webkit-box-shadow:4px 4px  
4px 4px #856D54; box-shadow:4px 4px 4px  
4px #856D54 }
```

Background

The CSS property to change the background color of an element to Hex 856D54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#856D54 }
```

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

```
.background{ background-color:#856D54 }
```

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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