

Converting Colors

Hex(856D47)

Have a look what the booklet for
Hex(856D47) contains.

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Color

Hex(856D47)

Conversions

Conversions Part 1

Format	Color
Hex	856D47
RGB	133, 109, 71
RGB Percent	52%, 43%, 28%
CMY	0.4784, 0.5725, 0.7216
CMYK	0.00, 0.18, 0.47, 0.48
HSL	37°, 30%, 40%
HSV	37°, 47%, 52%
XYZ	16.2788, 16.3788, 8.2647
YIQ	111.8440, 26.5020, -6.7300

Conversions

Conversions Part 2

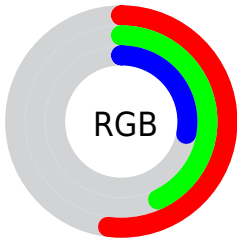
Format	Color
RYB	110, 133, 71
Decimal	8744263
CIELab	47.47, 4.10, 24.75
CIELCh	47, 25.084, 80.582
Yxy	16.3788, 0.3978, 0.4002
Android (android.graphics.Color)	4286934343 (0xFF856D47)
YUV	111.8440, -20.1361, 18.5538
Hunter-Lab	40.4707, 0.9758, 16.2216

Details

The Hex color **856D47** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **475F85**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **BBA078**, and **523E1A** is the 20% darker color. If you saturate the color by 10%, you get **85683A**, and if you desaturate by 10%, it is **857254**.

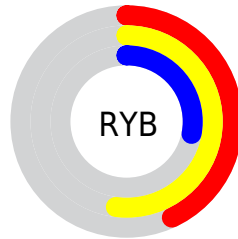
Distribution



Red (52%)

Green (43%)

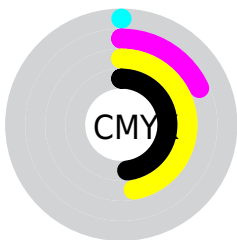
Blue (28%)



Red (43%)

Yellow (52%)

Blue (28%)

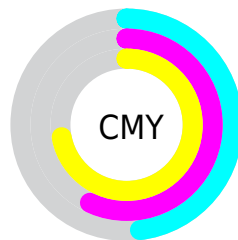


Cyan (0%)

Magenta (18%)

Yellow (47%)

Black (48%)



Cyan (48%)

Magenta (57%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 856D47 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 856D47 by changing the saturation by 10% instead.



856D47



856D47

FFFFFF



6B5530



BBA078



523E1A



D8BB92



3A2801



F5D7AD



221400



FFF3C8



000000



FFFEE4



856D47



856D47



85683A



857254



85632C



857762

 855E1F

 857C6F

 855812

 85827C

 855304

 85878A

 855200

 858C97

 8591A4

 8596B1

 859BBF

Harmonies

Analogous

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



946651



856D47



707449

Triad

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



856D47



287C7F



85668C

Complementary

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



856D47



475F85

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.



6A6E98



856D47



2B7A91

Square

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



856D47



3E7C69



49759A



966178

Rectangle

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



856D47



607750



49759A



7D6891

Sweetspot

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



856D47



ADA495



854760



575148



D6D6D6



575757

Same Dimension

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



856D47



AD884C



7F8547



42403C



825000



030200

Inverse Universe

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



475F85



4C72AD



4D4785



3C3E42



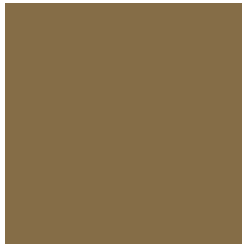
003282



000103

Previews

White Background



This preview shows how the Hex color 856D47 looks on a white background.

Color Contrast Check

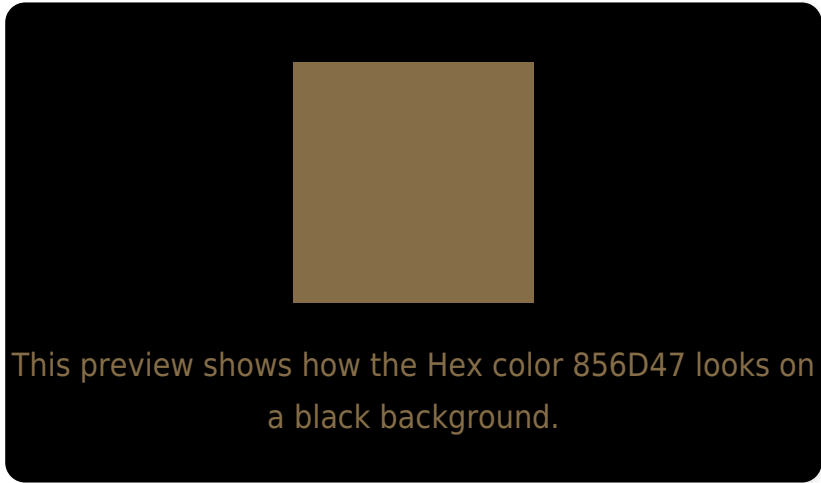
Large Text (above 18pt) WCAG AA ✓ Pass

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

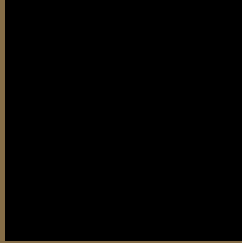
Any Text WCAG AA × Fail

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 856D47 Background



This preview shows how black text looks on a background with the Hex color 856D47.



This preview shows how white text looks on a background with the Hex color 856D47.

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
856D47

Protanopia
7B7148

Deuteranopia
886C47



Tritanopia
896870

Trichromacy



Original Color
856D47

Protanomaly
7F7048

Deuteranomaly
876C47

Tritanomaly
886A61

Monochromacy



Original Color
856D47

Achromatopsia
707070

Achromatomaly
786F61

CSS Examples

Text

The CSS property to change the color of the text to Hex 856D47 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 #856D47 looks like.

```
.text, #text, p{  
    color:#856D47  
}
```

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 #856D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #856D47  
}
```

Border

The CSS property to change the border of an element to Hex 856D47 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  
#856D47 }
```

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

```
.border{ border-color:#856D47 }
```

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

Here you see how a box with a 4 pixel #856D47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #856D47; -webkit-box-shadow:4px 4px  
4px 4px #856D47; box-shadow:4px 4px 4px  
4px #856D47 }
```

Background

The CSS property to change the background color of an element to Hex 856D47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#856D47 }
```

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

```
.background{ background-color:#856D47 }
```

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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