

# Converting Colors

Hex(856F43)

Have a look what the booklet for  
Hex(856F43) contains.

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**Color**

**Hex(856F43)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	856F43
RGB	133, 111, 67
RGB Percent	52%, 44%, 26%
CMY	0.4784, 0.5647, 0.7373
CMYK	0.00, 0.17, 0.50, 0.48
HSL	40°, 33%, 39%
HSV	40°, 50%, 52%
XYZ	16.3704, 16.7607, 7.6825
YIQ	112.5620, 27.2360, -9.0200

# Conversions

## Conversions Part 2

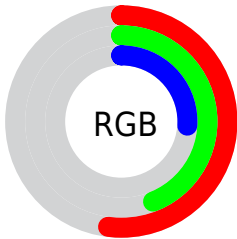
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 133, 67
Decimal	8744771
CIE <sub>Lab</sub>	47.96, 2.51, 27.63
CIE <sub>LCh</sub>	48, 27.741, 84.799
Yxy	16.7607, 0.4011, 0.4107
Android (android.graphics.Color)	4286934851 (0xFF856F43)
YUV	112.5620, -22.4621, 17.9241
Hunter-Lab	40.9398, -0.2686, 17.5319

# Details

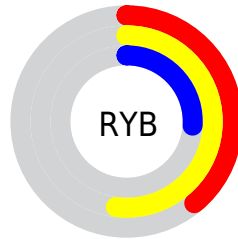
The Hex color **856F43** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **435985**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **BCA374**, and **514016** is the 20% darker color. If you saturate the color by 10%, you get **856B36**, and if you desaturate by 10%, it is **857350**.

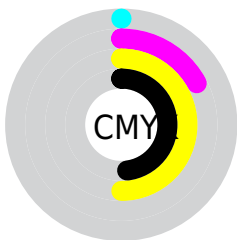
# Distribution



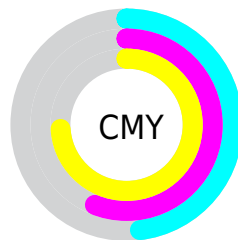
- Red (52%)
- Green (44%)
- Blue (26%)



- Red (39%)
- Yellow (52%)
- Blue (26%)



- Cyan (0%)
- Magenta (17%)
- Yellow (50%)
- Black (48%)



- Cyan (48%)
- Magenta (56%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 856F43 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 856F43 by changing the saturation by 10% instead.





856F43



856F43

FFFFFF



6B572C



BCA374



514016



D8BE8E



392A00



F5D9A8



221600



FFF6C4



000000



FFFFE0

FFFFFFD



856F43



856F43



856B36



857350

■ 856628

■ 85785E

■ 85621B

■ 857C6B

■ 855D0E

■ 858178

■ 855901

■ 858586

■ 855900

■ 858A93

■ 858EA0

■ 8592AD

■ 8597BB

# Harmonies

## Analogous

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



97674C



856F43



6D7647

# Triad

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



856F43



137E85



8B658D

# Complementary

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



856F43



435985

# 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.



6F6D9C



856F43



207B97

# Square

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



856F43



337E6D



4975A0



9C6077

# Rectangle

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



856F43



5C7A50



4975A0



836893



# Sweetspot

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



856F43



ADA593



854359



575147



D6D6D6



575757



# Same Dimension

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



856F43



AD8B45



7A8543



42403C



825700



030200



# Inverse Universe

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



435985



4568AD



4E4385



3C3E42



002B82



000103



# Previews

## White Background



This preview shows how the Hex color 856F43 looks on a white background.

## Color Contrast Check

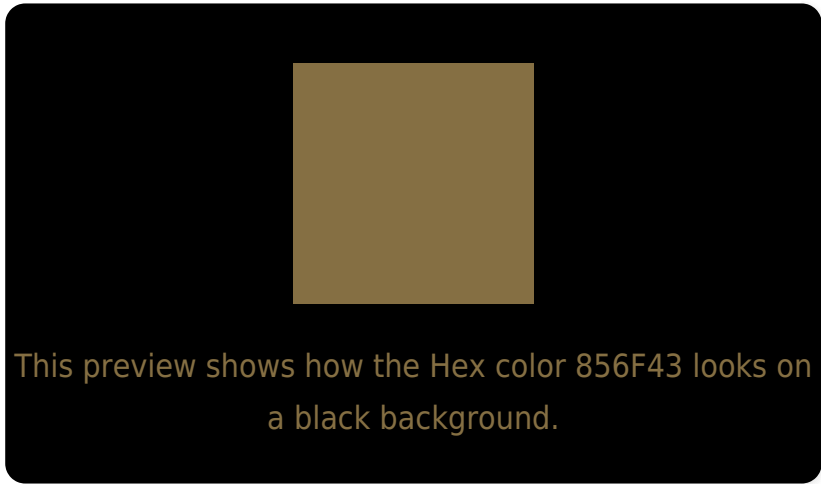
Large Text (above 18pt) WCAG AA ✓ Pass

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

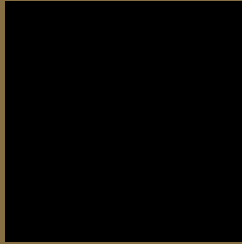
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 856F43 Background



This preview shows how black text looks on a background with the Hex color 856F43.



This preview shows how white text looks on a background with the Hex color 856F43.

# 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**  
856F43

**Protanopia**  
7D7244

**Deuteranopia**  
8A6D43



**Tritanopia**  
896972

# Trichromacy



**Original Color**  
856F43

**Protanomaly**  
807144

**Deuteranomaly**  
886E43

**Tritanomaly**  
886B61

# Monochromacy



**Original Color**  
856F43

**Achromatopsia**  
717171

**Achromatomaly**  
787060

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 856F43 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 #856F43 looks like.

```
.text, #text, p{  
    color:#856F43  
}
```

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 #856F43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #856F43  
}
```

## Border

The CSS property to change the border of an element to Hex 856F43 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  
#856F43 }
```

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

```
.border{ border-color:#856F43 }
```

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

Here you see how a box with a 4 pixel #856F43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #856F43; -webkit-box-shadow:4px 4px  
4px 4px #856F43; box-shadow:4px 4px 4px  
4px #856F43 }
```

# Background

The CSS property to change the background color of an element to Hex 856F43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#856F43 }
```

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

```
.background{ background-color:#856F43 }
```

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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