

# Converting Colors

Hex(856656)

Have a look what the booklet for  
Hex(856656) contains.

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**Color**

**Hex(856656)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	856656
RGB	133, 102, 86
RGB Percent	52%, 40%, 34%
CMY	0.4784, 0.6000, 0.6627
CMYK	0.00, 0.23, 0.35, 0.48
HSL	20°, 21%, 43%
HSV	20°, 35%, 52%
XYZ	16.1040, 15.1612, 10.8817
YIQ	109.4450, 23.6120, 1.5960

# Conversions

## Conversions Part 2

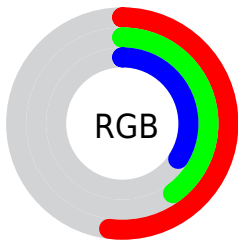
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 110, 86
Decimal	8742486
CIE <sub>Lab</sub>	45.85, 10.06, 13.83
CIE <sub>LCh</sub>	46, 17.104, 53.969
Yxy	15.1612, 0.3821, 0.3597
Android (android.graphics.Color)	4286932566 (0xFF856656)
YUV	109.4450, -11.5584, 20.6577
Hunter-Lab	38.9374, 5.6848, 10.6865

# Details

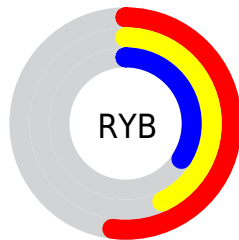
The Hex color **856656** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **567585**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **BB9988**, and **523729** is the 20% darker color. If you saturate the color by 10%, you get **855D49**, and if you desaturate by 10%, it is **856F63**.

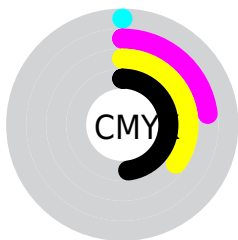
# Distribution



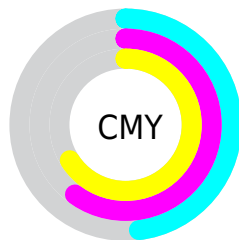
- Red (52%)
- Green (40%)
- Blue (34%)



- Red (52%)
- Yellow (43%)
- Blue (34%)



- Cyan (0%)
- Magenta (23%)
- Yellow (35%)
- Black (48%)



- Cyan (48%)
- Magenta (60%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 856656 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 856656 by changing the saturation by 10% instead.





856656



856656

FFFFFF



6B4E3F



BB9988



523729



D7B4A2



3A2214



F4CFBD



240C00



FFECD9



000000



FFFFF5



856656



856656



855D49



856F63



85543B



857871

 854C2E

 85807E

 854321

 85898B

 853A14

 859299

 853106

 859BA6

 852D00

 85A3B3

 85ACC0

 85B5CE

# Harmonies

## Analogous

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



8A6362



856656



7A6B50

# Triad

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



856656



4C7569



6B6A87

# Complementary

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



856656



567585

# 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.



576F89



856656



447478

# Square

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



856656



5B735B



487383



7C657E

# Rectangle

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



856656



706E51



487383



656C88



# Sweetspot

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



856656



ADA19A



855675



574F4B



D6D6D6



575757



# Same Dimension

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



856656



AD7D65



857D56



423E3C



822C00



030100



# Inverse Universe

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



567585



6595AD



565E85



3C4042



005682



000203



# Previews

## White Background



This preview shows how the Hex color 856656 looks on a white background.

## Color Contrast Check

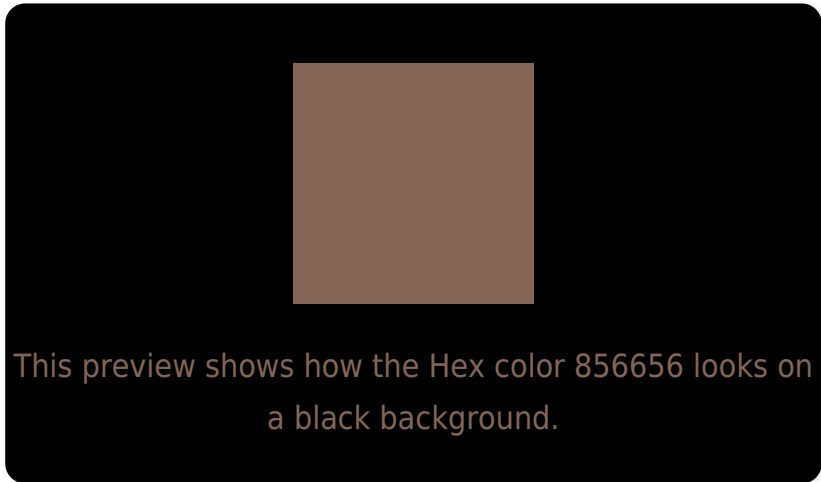
Large Text (above 18pt) WCAG AA ✓ Pass

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

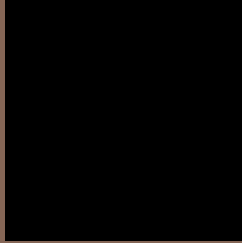
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 856656 Background



This preview shows how black text looks on a background with the Hex color 856656.



This preview shows how white text looks on a background with the Hex color 856656.

# 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**  
856656

**Protanopia**  
736D59

**Deuteranopia**  
7F6856



**Tritanopia**  
87636B

# Trichromacy



**Original Color**  
856656

**Protanomaly**  
7A6A58

**Deuteranomaly**  
816756

**Tritanomaly**  
866463

# Monochromacy



**Original Color**  
856656

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
766A65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 856656 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 #856656 looks like.

```
.text, #text, p{  
    color:#856656  
}
```

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 #856656 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #856656
}
```

## Border

The CSS property to change the border of an element to Hex 856656 is called "border". The border property can be set on classes, ids or directly on the HTML element.

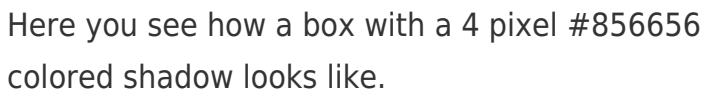
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#856656 }
```

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

```
.border{ border-color:#856656 }
```

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



Here you see how a box with a 4 pixel #856656 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #856656; -webkit-box-shadow:4px 4px  
4px 4px #856656; box-shadow:4px 4px 4px  
4px #856656 }
```

# Background

The CSS property to change the background color of an element to Hex 856656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#856656 }
```

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

```
.background{ background-color:#856656 }
```

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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