

# Converting Colors

Hex(856666)

Have a look what the booklet for  
Hex(856666) contains.

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**Color**

**Hex(856666)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	856666
RGB	133, 102, 102
RGB Percent	52%, 40%, 40%
CMY	0.4784, 0.6000, 0.6000
CMYK	0.00, 0.23, 0.23, 0.48
HSL	0°, 13%, 46%
HSV	0°, 23%, 52%
XYZ	16.8225, 15.4486, 14.6656
YIQ	111.2690, 18.4760, 6.5720

# Conversions

## Conversions Part 2

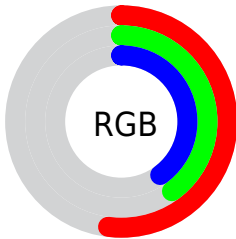
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 102, 102
Decimal	8742502
CIE Lab	46.24, 12.44, 4.79
CIE LCh	46, 13.334, 21.074
Yxy	15.4486, 0.3584, 0.3291
Android (android.graphics.Color)	4286932582 (0xFF856666)
YUV	111.2690, -4.5696, 19.0581
Hunter-Lab	39.3047, 7.6152, 5.3907

# Details

The Hex color **856666** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **668585**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **BB9999**, and **533737** is the 20% darker color. If you saturate the color by 10%, you get **855959**, and if you desaturate by 10%, it is **857373**.

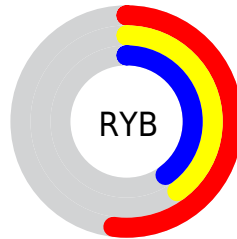
# Distribution



Red (52%)

Green (40%)

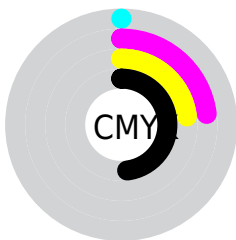
Blue (40%)



Red (52%)

Yellow (40%)

Blue (40%)

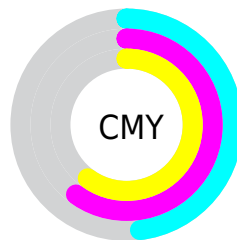


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (48%)



Cyan (48%)

Magenta (60%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 856666 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 856666 by changing the saturation by 10% instead.



856666

856666

FFFFFF

6B4E4E

BB9999

533737

D7B4B4

3B2122

F3D0CF

250C0C

FFECEB

000000

856666

856666

855959

857373

854B4B

858181

853E3E

858E8E

853131

859B9B

852323

85A9A9

851616

85B6B6

850909

85C3C3

850000

85D0D0

85DEDE

# Harmonies

## Analogous

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



826671



856666



82685D

# Triad

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



856666



61725F



5D7083

# Complementary

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



856666



668585

# 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.



52727E



856666



56746A

# Square

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



856666



6E6F59



507475



6B6C82

# Rectangle

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



856666



7D6A59



507475



587182



# Sweetspot

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



856666



ADA1A1



856685



575050



D6D6D6



575757



# Same Dimension

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



856666



AD7D7D



857666



423C3C



820000



030000



# Inverse Universe

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



668585



7DADAD



667685



3C4242



008282



000303



# Previews

## White Background



This preview shows how the Hex color 856666 looks on a white background.

## Color Contrast Check

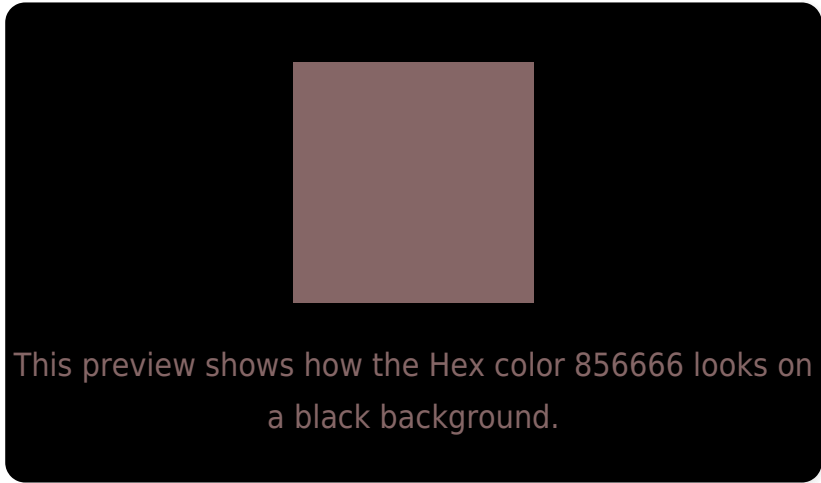
Large Text (above 18pt) WCAG AA ✓ Pass

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

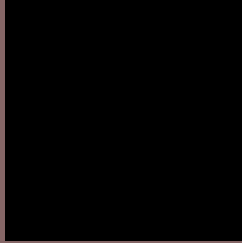
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 856666 Background



This preview shows how black text looks on a background with the Hex color 856666.

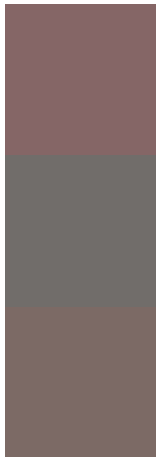


This preview shows how white text looks on a background with the Hex color 856666.

# 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**  
856666

**Protanopia**  
716D6A

**Deuteranopia**  
7C6A65



**Tritanopia**  
86656D

# Trichromacy



**Original Color**

856666

**Protanomaly**

786A69

**Deuteranomaly**

7F6965

**Tritanomaly**

86656A

# Monochromacy



**Original Color**

856666

**Achromatopsia**

6F6F6F

**Achromatomaly**

776C6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 856666 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 #856666 looks like.

```
.text, #text, p{  
    color:#856666  
}
```

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 #856666 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #856666
}
```

## Border

The CSS property to change the border of an element to Hex 856666 is called "border". The border property can be set on classes, ids or directly on the HTML element.

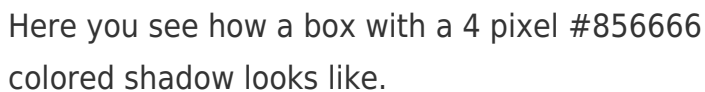
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#856666 }
```

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

```
.border{ border-color:#856666 }
```

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



Here you see how a box with a 4 pixel #856666 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #856666; -webkit-box-shadow:4px 4px  
4px 4px #856666; box-shadow:4px 4px 4px  
4px #856666 }
```

# Background

The CSS property to change the background color of an element to Hex 856666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#856666 }
```

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

```
.background{ background-color:#856666 }
```

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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