

# Converting Colors

Hex(856966)

Have a look what the booklet for  
Hex(856966) contains.

<b>Hex(856966)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(856966)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	856966
RGB	133, 105, 102
RGB Percent	52%, 41%, 40%
CMY	0.4784, 0.5882, 0.6000
CMYK	0.00, 0.21, 0.23, 0.48
HSL	6°, 13%, 46%
HSV	6°, 23%, 52%
XYZ	17.1227, 16.0490, 14.7657
YIQ	113.0300, 17.6510, 5.0030

# Conversions

## Conversions Part 2

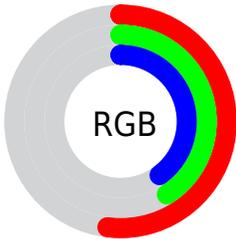
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 105, 102
Decimal	8743270
CIE Lab	47.04, 10.67, 5.93
CIE LCh	47, 12.210, 29.081
Yxy	16.0490, 0.3572, 0.3348
Android (android.graphics.Color)	4286933350 (0xFF856966)
YUV	113.0300, -5.4378, 17.5137
Hunter-Lab	40.0612, 6.1862, 6.1899

# Details

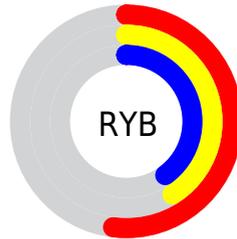
The Hex color **856966** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **668285**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **BB9C99**, and **533A37** is the 20% darker color. If you saturate the color by 10%, you get **855D59**, and if you desaturate by 10%, it is **857573**.

# Distribution



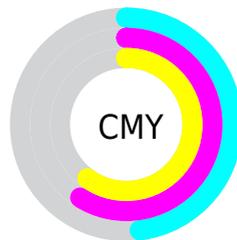
- Red (52%)
- Green (41%)
- Blue (40%)



- Red (52%)
- Yellow (41%)
- Blue (40%)



- Cyan (0%)
- Magenta (21%)
- Yellow (23%)
- Black (48%)



- Cyan (48%)
- Magenta (59%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 856966 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 856966 by changing the saturation by 10% instead.



 856966

 856966

FFFFFF

 6B514E

 BB9C99

 533A37

 D7B7B4

 3B2422

 F3D3CF

 25100C

 FFEFEB

 000000

 856966

 856966

 855D59

 857573

 85514B

 858181

 85453E

 858D8E

 853931

 85999B

 852D23

 85A5A9

 852116

 85B1B6

 851509

 85BDC3

 850D00

 85C9D0

 85D5DE

# Harmonies

## Analogous

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



846870



856966



816B5E

# Triad

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



856966



617465



647084

# Complementary

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



856966



668285

# 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.



597381



856966



58756F

# Square

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



856966



6D725D



547579



716D81

# Rectangle

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



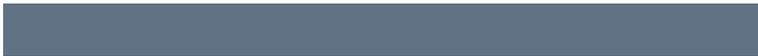
856966



7B6E5C



547579



607283



# Sweetspot

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



856966



ADA2A1



856682



575050



D6D6D6



575757



# Same Dimension

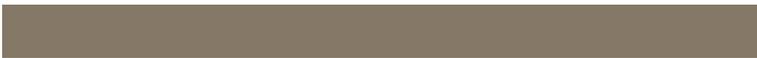
The Same Dimension uses a secret algorithm to generate beautiful new colors.



856966



AD827D



857866



423C3C



820D00



030000



# Inverse Universe

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



668285



7DA9AD



667385



3C4242



007582



000203



# Previews

## White Background



This preview shows how the Hex color 856966 looks on a white background.

## Color Contrast Check

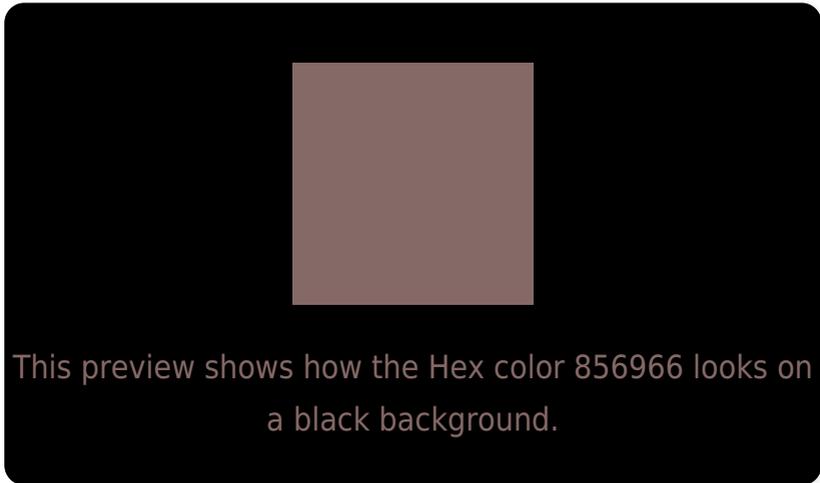
Large Text (above 18pt) WCAG AA ✓ Pass

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 856966 Background



This preview shows how black text looks on a background with the Hex color 856966.



This preview shows how white text looks on a background with the Hex color 856966.

# 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**  
856966

**Protanopia**  
736F69

**Deuteranopia**  
7E6C65



**Tritanopia**  
866870

# Trichromacy



**Original Color**  
856966

**Protanomaly**  
7A6D68

**Deuteranomaly**  
816B65

**Tritanomaly**  
86686C

# Monochromacy



**Original Color**  
856966

**Achromatopsia**  
717171

**Achromatomaly**  
786E6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 856966 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 #856966 looks like.

```
.text, #text, p{  
    color:#856966  
}
```

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 #856966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #856966
}
```

## Border

The CSS property to change the border of an element to Hex 856966 is called "border". The border property can be set on classes, ids or directly on the HTML element.

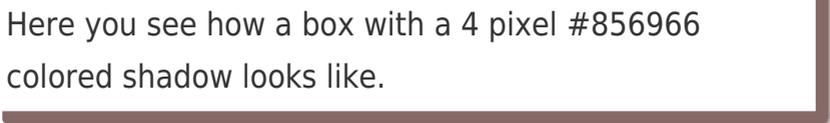
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#856966 }
```

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

```
.border{ border-color:#856966 }
```

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



Here you see how a box with a 4 pixel #856966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #856966; -webkit-box-shadow:4px 4px  
4px 4px #856966; box-shadow:4px 4px 4px  
4px #856966 }
```

# Background

The CSS property to change the background color of an element to Hex 856966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#856966 }
```

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

```
.background{ background-color:#856966 }
```

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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