

# Converting Colors

Hex(856069)

Have a look what the booklet for  
Hex(856069) contains.

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**Color**

**Hex(856069)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	856069
RGB	133, 96, 105
RGB Percent	52%, 38%, 41%
CMY	0.4784, 0.6235, 0.5882
CMYK	0.00, 0.28, 0.21, 0.48
HSL	345°, 16%, 45%
HSV	345°, 28%, 52%
XYZ	16.4055, 14.3722, 15.2740
YIQ	108.0890, 19.1630, 10.6430

# Conversions

## Conversions Part 2

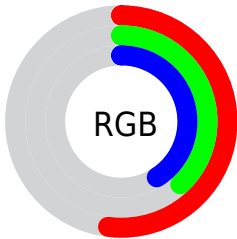
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 96, 105
Decimal	8740969
CIE <sub>Lab</sub>	44.76, 16.48, 0.84
CIE <sub>LCh</sub>	45, 16.506, 2.928
Yxy	14.3722, 0.3562, 0.3121
Android (android.graphics.Color)	4286931049 (0xFF856069)
YUV	108.0890, -1.5229, 21.8469
Hunter-Lab	37.9107, 10.9007, 2.6498

# Details

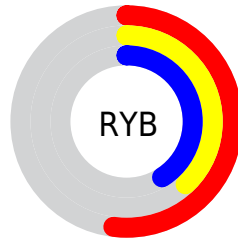
The Hex color **856069** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **60857C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **BB939C**, and **53313A** is the 20% darker color. If you saturate the color by 10%, you get **85535F**, and if you desaturate by 10%, it is **856D73**.

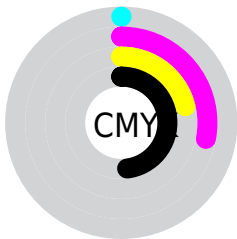
# Distribution



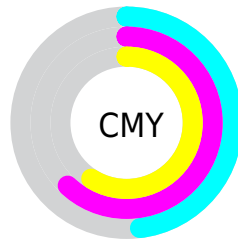
- Red (52%)
- Green (38%)
- Blue (41%)



- Red (52%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (28%)
- Yellow (21%)
- Black (48%)



- Cyan (48%)
- Magenta (62%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 856069 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 856069 by changing the saturation by 10% instead.



 856069

 856069

FFFFFF

 6B4851

 BB939C

 53313A

 D7ADB7

 3B1C24

 F3C9D3

 25040F

 FFE5EF

 000000

 856069

 856069

 85535F

 856D73

 854555

 857B7D

 85384B

 858887

852B41

859591

851D37

85A39B

85102D

85B0A5

850323

85BDAF

850020

85CABA

85D8C4

# Harmonies

## Analogous

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



7D6277



856069



85615C

# Triad

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



856069



646E53



4A6F82

# Complementary

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



856069



60857C

# 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.



437178



856069



54705D

# Square

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



856069



73694F



47726B



5B6B85

# Rectangle

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



856069



826354



47726B



46707F



# Sweetspot

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



856069



ADA0A3



7C6085



574E50



D6D6D6



575757



# Same Dimension

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



856069



AD7482



856960



423C3D



820020



030001



# Inverse Universe

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



856069



AD7482



607C85



423C3D



820020

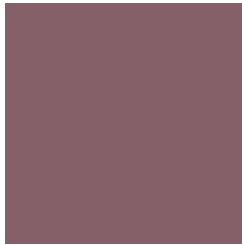


030001



# Previews

## White Background



This preview shows how the Hex color 856069 looks on a white background.

## Color Contrast Check

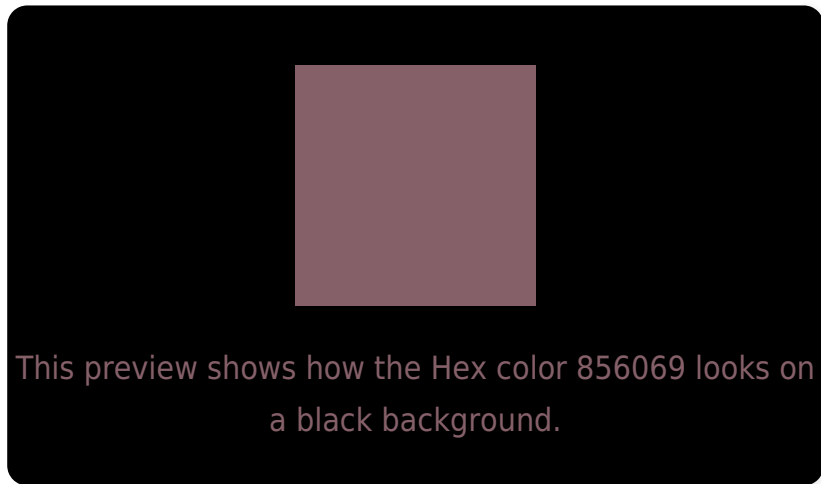
Large Text (above 18pt) WCAG AA ✓ Pass

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

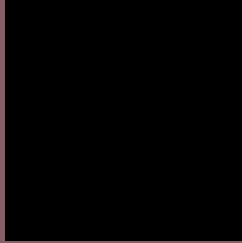
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 856069 Background



This preview shows how black text looks on a background with the Hex color 856069.



This preview shows how white text looks on a background with the Hex color 856069.

# 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**  
856069

**Protanopia**  
6B6A6F

**Deuteranopia**  
756768



**Tritanopia**  
856068

# Trichromacy



**Original Color**  
856069

**Protanomaly**  
74666D

**Deuteranomaly**  
7B6468

**Tritanomaly**  
856068

# Monochromacy



**Original Color**  
856069

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
75686B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 856069 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 #856069 looks like.

```
.text, #text, p{  
    color:#856069  
}
```

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 #856069 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #856069
}
```

## Border

The CSS property to change the border of an element to Hex 856069 is called "border". The border property can be set on classes, ids or directly on the HTML element.

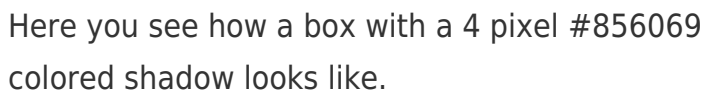
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#856069 }
```

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

```
.border{ border-color:#856069 }
```

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



Here you see how a box with a 4 pixel #856069 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #856069; -webkit-box-shadow:4px 4px  
4px 4px #856069; box-shadow:4px 4px 4px  
4px #856069 }
```

# Background

The CSS property to change the background color of an element to Hex 856069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#856069 }
```

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

```
.background{ background-color:#856069 }
```

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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