

# Converting Colors

Hex(82856C)

Have a look what the booklet for  
Hex(82856C) contains.

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**Color**

**Hex(82856C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82856C
RGB	130, 133, 108
RGB Percent	51%, 52%, 42%
CMY	0.4902, 0.4784, 0.5765
CMYK	0.02, 0.00, 0.19, 0.48
HSL	67°, 10%, 47%
HSV	67°, 19%, 52%
XYZ	20.3002, 22.6036, 17.4804
YIQ	129.2530, 6.2370, -8.4110

# Conversions

## Conversions Part 2

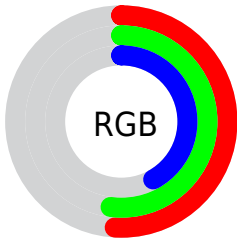
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 133, 111
Decimal	8553836
CIELab	54.66, -5.70, 13.13
CIElCh	55, 14.315, 113.466
Yxy	22.6036, 0.3362, 0.3743
Android (android.graphics.Color)	4286743916 (0xFF82856C)
YUV	129.2530, -10.4777, 0.6551
Hunter-Lab	47.5432, -6.9839, 11.4810

# Details

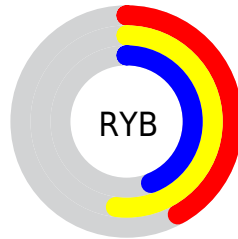
The Hex color **82856C** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6F6C85**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B7BA9F**, and **50543C** is the 20% darker color. If you saturate the color by 10%, you get **80855F**, and if you desaturate by 10%, it is **848579**.

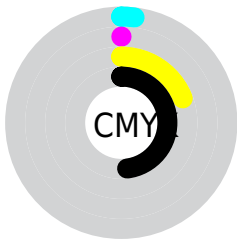
# Distribution



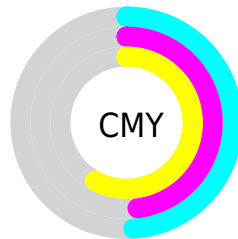
- Red (51%)
- Green (52%)
- Blue (42%)



- Red (42%)
- Yellow (52%)
- Blue (44%)



- Cyan (2%)
- Magenta (0%)
- Yellow (19%)
- Black (48%)



- Cyan (49%)
- Magenta (48%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82856C 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 82856C by changing the saturation by 10% instead.





82856C



82856C

FFFFFF



696C54



B7BA9F



50543C



D3D6BA



393C27



EFF2D6



232712



FFFFF3



0B1200



000000



82856C



82856C



80855F



848579



7F8551



858587

 7D8544

 878594

 7C8537

 8885A1

 7A8529

 8A85AF

 78851C

 8C85BC

 77850F

 8D85C9

 758502

 8F85D6

 758500

 9085E4

# Harmonies

## Analogous

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



8F816A



82856C



748874

# Triad

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



82856C



658896



9A7A86

# Complementary

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



82856C



6F6C85

# 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.



907D92



82856C



72859B

# Square

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



82856C



628A8C



828199



9D7B79

# Rectangle

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



82856C



6B897B



828199



977B8A



# Sweetspot

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



82856C



ACADA3



856F6C



565751



D6D6D6



575757



# Same Dimension

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



82856C



A9AD86



76856C



42423C



728200



020300



# Inverse Universe

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



6F6C85



8A86AD



7B6C85



3C3C42



100082

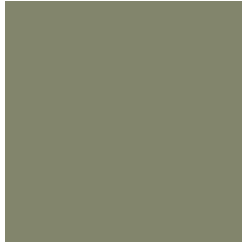


000003



# Previews

## White Background



This preview shows how the Hex color 82856C looks on a white background.

## Color Contrast Check

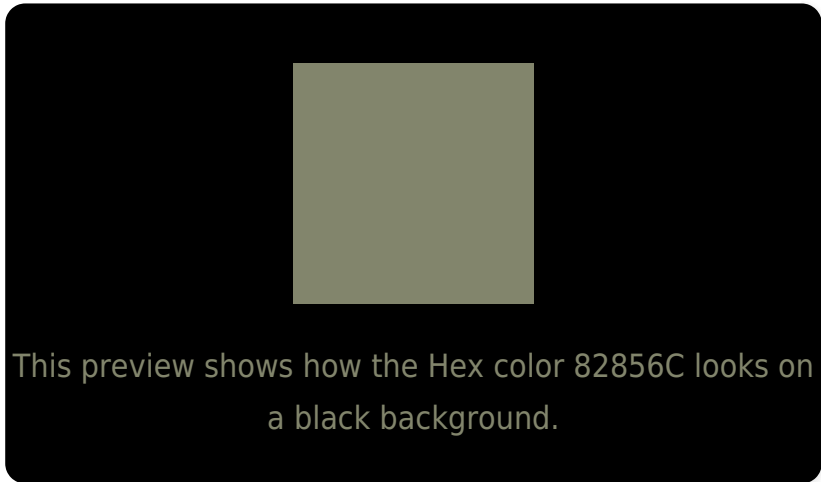
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

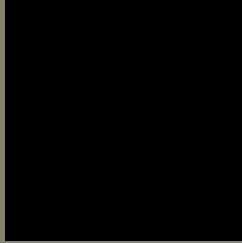
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 82856C Background



This preview shows how black text looks on a background with the Hex color 82856C.



This preview shows how white text looks on a background with the Hex color 82856C.

# 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**  
82856C

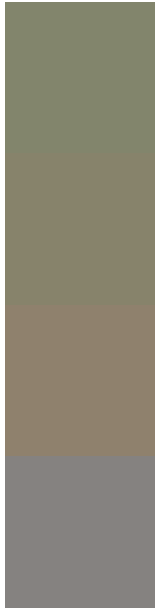
**Protanopia**  
8A826B

**Deuteranopia**  
977E6D



**Tritanopia**  
86818B

# Trichromacy



**Original Color**  
82856C

**Protanomaly**  
87836B

**Deuteranomaly**  
8F816D

**Tritanomaly**  
858280

# Monochromacy



**Original Color**  
82856C

**Achromatopsia**  
818181

**Achromatomaly**  
818279

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82856C 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 #82856C looks like.

```
.text, #text, p{  
    color:#82856C  
}
```

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 #82856C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82856C
}
```

## Border

The CSS property to change the border of an element to Hex 82856C is called "border". The border property can be set on classes, ids or directly on the HTML element.

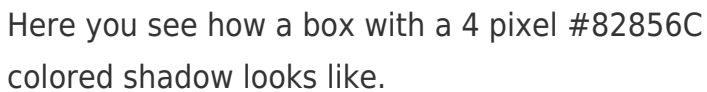
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82856C }
```

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

```
.border{ border-color:#82856C }
```

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



Here you see how a box with a 4 pixel #82856C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82856C; -webkit-box-shadow:4px 4px  
4px 4px #82856C; box-shadow:4px 4px 4px  
4px #82856C }
```

# Background

The CSS property to change the background color of an element to Hex 82856C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82856C }
```

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

```
.background{ background-color:#82856C }
```

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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