

# Converting Colors

Hex(85656D)

Have a look what the booklet for  
Hex(85656D) contains.

<b>Hex(85656D)</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(85656D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	85656D
RGB	133, 101, 109
RGB Percent	52%, 40%, 43%
CMY	0.4784, 0.6039, 0.5725
CMYK	0.00, 0.24, 0.18, 0.48
HSL	345°, 14%, 46%
HSV	345°, 24%, 52%
XYZ	17.0869, 15.3980, 16.5395
YIQ	111.4800, 16.5040, 9.2720

# Conversions

## Conversions Part 2

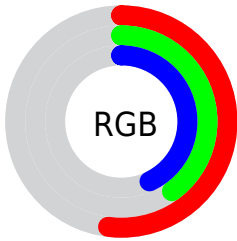
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 101, 109
Decimal	8742253
CIE <sub>Lab</sub>	46.17, 14.20, 0.48
CIE <sub>LCh</sub>	46, 14.206, 1.954
Yxy	15.3980, 0.3485, 0.3141
Android (android.graphics.Color)	4286932333 (0xFF85656D)
YUV	111.4800, -1.2226, 18.8730
Hunter-Lab	39.2403, 9.0557, 2.4779

# Details

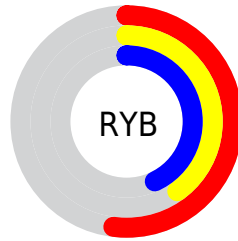
The Hex color **85656D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **65857D**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **BB98A0**, and **53363E** is the 20% darker color. If you saturate the color by 10%, you get **855863**, and if you desaturate by 10%, it is **857277**.

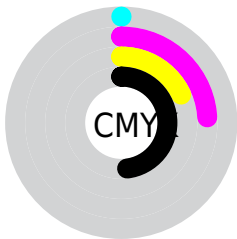
# Distribution



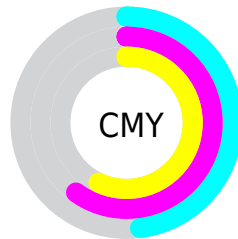
- Red (52%)
- Green (40%)
- Blue (43%)



- Red (52%)
- Yellow (40%)
- Blue (43%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (48%)



- Cyan (48%)
- Magenta (60%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85656D 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 85656D by changing the saturation by 10% instead.





85656D



85656D

FFFFFF



6B4D55



BB98A0



53363E



D6B3BB



3B2028



F3CED7



250B13



FFEBF4



000000



85656D



85656D



855863



857277



854A59



858081



853D4F



858D8B

 853045

 859A95

 85223B

 85A89F

 851531

 85B5A9

 850827

 85C2B3

 850021

 85CFBD

 85DDC7

# Harmonies

## Analogous

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



7E6779



85656D



866661

# Triad

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



85656D



697059



537282

# Complementary

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



85656D



65857D

# 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.



4D7479



85656D



5B7362

# Square

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



85656D



766D56



51746E



616E85

# Rectangle

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



85656D



83685B



51746E



507380



# Sweetspot

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



85656D



ADA1A4



7D6585



575051



D6D6D6



575757



# Same Dimension

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



85656D



AD7B88



856D65



423C3D



820021



030001



# Inverse Universe

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



85656D



AD7B88



657D85



423C3D



820021

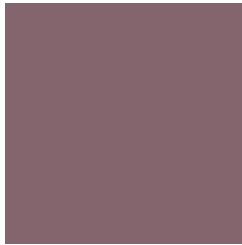


030001



# Previews

## White Background



This preview shows how the Hex color 85656D looks on a white background.

## Color Contrast Check

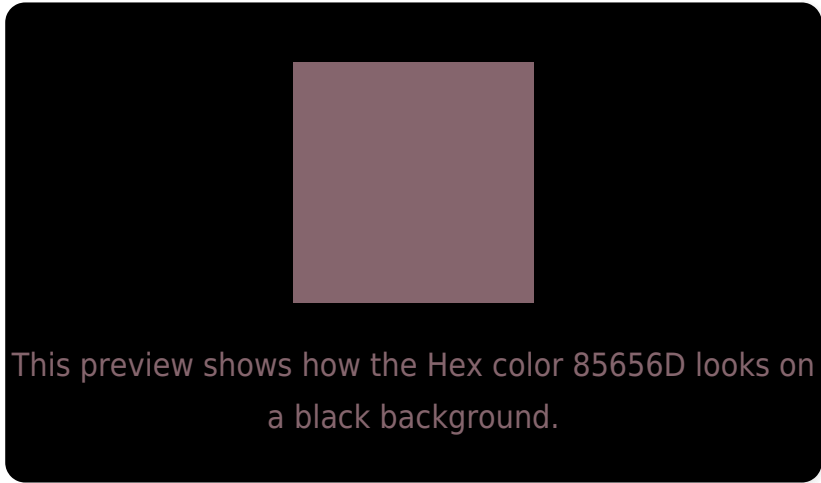
Large Text (above 18pt) WCAG AA ✓ Pass

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 85656D Background



This preview shows how black text looks on a background with the Hex color 85656D.



This preview shows how white text looks on a background with the Hex color 85656D.

# 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**  
85656D

**Protanopia**  
6E6D72

**Deuteranopia**  
796A6C



**Tritanopia**  
85656D

# Trichromacy



**Original Color**  
85656D

**Protanomaly**  
766A70

**Deuteranomaly**  
7D686C

**Tritanomaly**  
85656D

# Monochromacy



**Original Color**  
85656D

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
776B6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85656D 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 #85656D looks like.

```
.text, #text, p{  
    color:#85656D  
}
```

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 #85656D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85656D
}
```

## Border

The CSS property to change the border of an element to Hex 85656D is called "border". The border property can be set on classes, ids or directly on the HTML element.

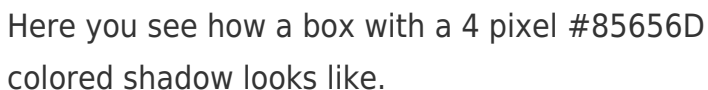
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85656D }
```

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

```
.border{ border-color:#85656D }
```

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



Here you see how a box with a 4 pixel #85656D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85656D; -webkit-box-shadow:4px 4px  
4px 4px #85656D; box-shadow:4px 4px 4px  
4px #85656D }
```

# Background

The CSS property to change the background color of an element to Hex 85656D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85656D }
```

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

```
.background{ background-color:#85656D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor