

# Converting Colors

Hex(84656C)

Have a look what the booklet for  
Hex(84656C) contains.

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**Color**

**Hex(84656C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	84656C
RGB	132, 101, 108
RGB Percent	52%, 40%, 42%
CMY	0.4824, 0.6039, 0.5765
CMYK	0.00, 0.23, 0.18, 0.48
HSL	346°, 13%, 46%
HSV	346°, 23%, 52%
XYZ	16.8762, 15.2956, 16.2502
YIQ	111.0670, 16.2290, 8.7490

# Conversions

## Conversions Part 2

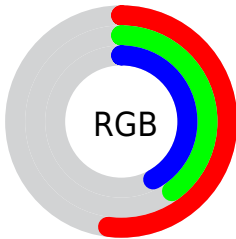
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 101, 108
Decimal	8676716
CIE <sub>Lab</sub>	46.04, 13.63, 0.87
CIE <sub>LCh</sub>	46, 13.657, 3.661
Yxy	15.2956, 0.3485, 0.3159
Android (android.graphics.Color)	4286866796 (0xFF84656C)
YUV	111.0670, -1.5120, 18.3582
Hunter-Lab	39.1096, 8.5827, 2.7414

# Details

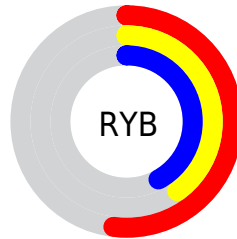
The Hex color **84656C** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **65847D**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **BA989F**, and **52363D** is the 20% darker color. If you saturate the color by 10%, you get **845862**, and if you desaturate by 10%, it is **847276**.

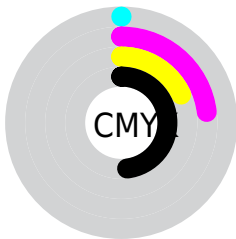
# Distribution



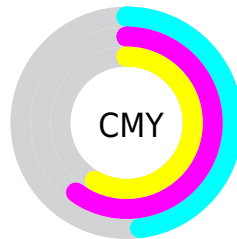
- Red (52%)
- Green (40%)
- Blue (42%)



- Red (52%)
- Yellow (40%)
- Blue (42%)



- Cyan (0%)
- Magenta (23%)
- Yellow (18%)
- Black (48%)



- Cyan (48%)
- Magenta (60%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84656C 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 84656C by changing the saturation by 10% instead.



84656C

84656C

FFFFFF

6A4D54

BA989F

52363D

D5B3BA

3A2027

F2CED6

240B12

FFEBF2

000000

84656C

84656C

845862

847276

844B58

847F80

843D4D

848D8B

 843043

 849A95

 842339

 84A79F

 84162F

 84B4A9

 840924

 84C1B4

 84001E

 84CFBE

 84DCC8

# Harmonies

## Analogous

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



7D6677



84656C



846661

# Triad

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



84656C



68705A



557181

# Complementary

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



84656C



65847D

# 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.



4E7379



84656C



5B7363

# Square

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



84656C



746D56



51746E



626E84

# Rectangle

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



84656C



81685B



51746E



51727F



# Sweetspot

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



84656C



AB9FA2



7D6584



575051



D6D6D6



575757



# Same Dimension

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



84656C



AB7B86



846D65



423C3D



82001D



030001



# Inverse Universe

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



84656C



AB7B86



657C84



423C3D



82001D

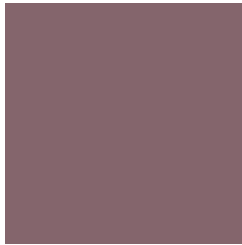


030001



# Previews

## White Background



This preview shows how the Hex color 84656C looks on a white background.

## Color Contrast Check

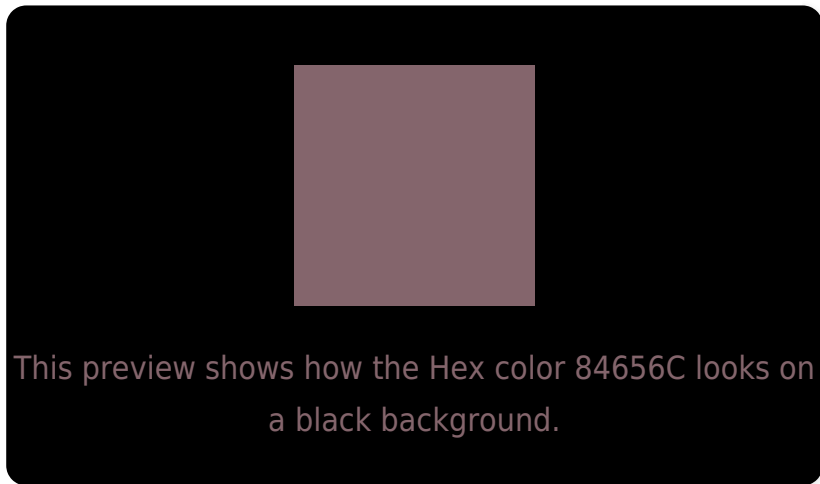
Large Text (above 18pt) WCAG AA ✓ Pass

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

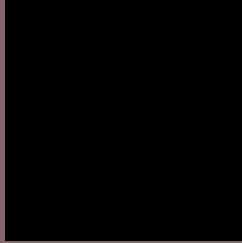
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 84656C Background



This preview shows how black text looks on a background with the Hex color 84656C.



This preview shows how white text looks on a background with the Hex color 84656C.

# 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**  
84656C

**Protanopia**  
6E6D70

**Deuteranopia**  
796A6B



**Tritanopia**  
84656D

# Trichromacy



**Original Color**  
84656C

**Protanomaly**  
766A6F

**Deuteranomaly**  
7D686B

**Tritanomaly**  
84656D

# Monochromacy



**Original Color**  
84656C

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
776B6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84656C 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 #84656C looks like.

```
.text, #text, p{  
    color:#84656C  
}
```

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 #84656C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84656C
}
```

## Border

The CSS property to change the border of an element to Hex 84656C is called "border". The border property can be set on classes, ids or directly on the HTML element.

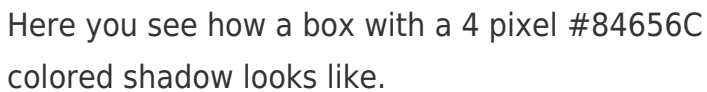
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84656C }
```

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

```
.border{ border-color:#84656C }
```

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



Here you see how a box with a 4 pixel #84656C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84656C; -webkit-box-shadow:4px 4px  
4px 4px #84656C; box-shadow:4px 4px 4px  
4px #84656C }
```

# Background

The CSS property to change the background color of an element to Hex 84656C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84656C }
```

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

```
.background{ background-color:#84656C }
```

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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