

# Converting Colors

Hex(864C68)

Have a look what the booklet for  
Hex(864C68) contains.

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# Color

**Hex(864C68)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	864C68
RGB	134, 76, 104
RGB Percent	53%, 30%, 41%
CMY	0.4745, 0.7020, 0.5922
CMYK	0.00, 0.43, 0.22, 0.47
HSL	331°, 28%, 41%
HSV	331°, 43%, 53%
XYZ	14.9146, 11.2367, 14.4795
YIQ	96.5340, 25.5800, 21.0040

# Conversions

## Conversions Part 2

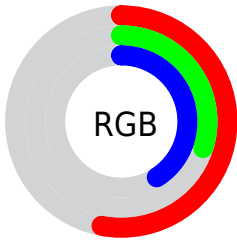
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 76, 104
Decimal	8801384
CIE <sub>Lab</sub>	39.98, 28.41, -5.57
CIE <sub>LCh</sub>	40, 28.952, 348.900
Yxy	11.2367, 0.3671, 0.2766
Android (android.graphics.Color)	4286991464 (0xFF864C68)
YUV	96.5340, 3.6807, 32.8577
Hunter-Lab	33.5212, 20.7583, -2.1456

# Details

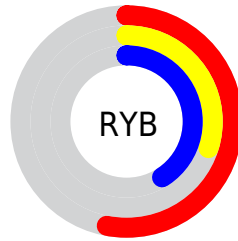
The Hex color **864C68** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4C866A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **BD7E9B**, and **521D39** is the 20% darker color. If you saturate the color by 10%, you get **863F61**, and if you desaturate by 10%, it is **86596F**.

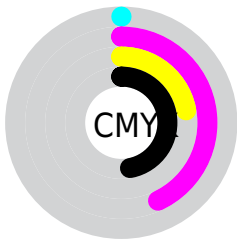
# Distribution



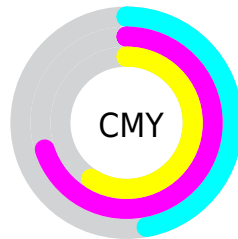
- Red (53%)
- Green (30%)
- Blue (41%)



- Red (53%)
- Yellow (30%)
- Blue (41%)



- Cyan (0%)
- Magenta (43%)
- Yellow (22%)
- Black (47%)



- Cyan (47%)
- Magenta (70%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 864C68 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 864C68 by changing the saturation by 10% instead.



 864C68

 864C68

FFFFFF

 6C3450

 BD7E9B

 521D39

 D999B6

 3A0524

 F6B4D1

 27000E

 FFCFEE

 000000

 FFECFF

 864C68

 864C68

 863F61

 86596F

 86315A

 866776

 862453

 86747D

 86164C

 868284

 860945

 868F8B

 860041

 869C92

 86AA99

 86B79F

 86C5A6

# Harmonies

## Analogous

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



73527D



864C68



8C4C50

# Triad

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



864C68



5E6130



006881

# Complementary

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



864C68



4C866A

# 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.



006A6D



864C68



43673E

# Square

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



864C68



755A2F



1F6A54



24638C

# Rectangle

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



864C68



884F42



1F6A54



00697B



# Sweetspot

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



864C68



AD97A2



6A4C86



574950



D6D6D6



575757



# Same Dimension

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



864C68



AD537F



864D4C



423C3F



82003F



030001



# Inverse Universe

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



864C68



AD537F



4C8586



423C3F



82003F

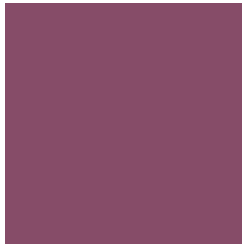


030001



# Previews

## White Background



This preview shows how the Hex color 864C68 looks on a white background.

## Color Contrast Check

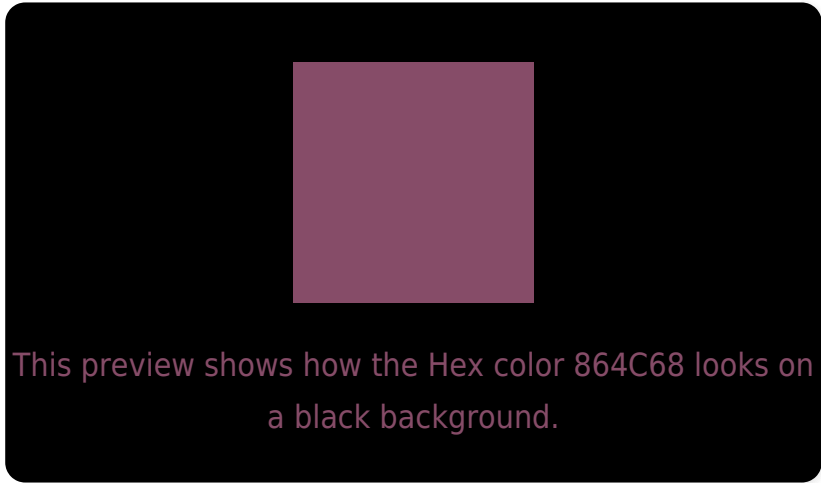
Large Text (above 18pt) WCAG AA ✓ Pass

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

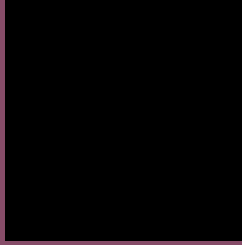
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 864C68 Background



This preview shows how black text looks on a background with the Hex color 864C68.



This preview shows how white text looks on a background with the Hex color 864C68.

# 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**  
864C68

**Protanopia**  
5A5E74

**Deuteranopia**  
655C65



**Tritanopia**  
845055

# Trichromacy



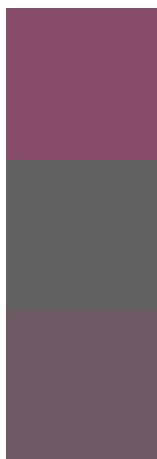
**Original Color**  
864C68

**Protanomaly**  
6A5770

**Deuteranomaly**  
715666

**Tritanomaly**  
854F5C

# Monochromacy



**Original Color**  
864C68

**Achromatopsia**  
616161

**Achromatomaly**  
6E5964

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 864C68 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 #864C68 looks like.

```
.text, #text, p{  
    color:#864C68  
}
```

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 #864C68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #864C68
}
```

## Border

The CSS property to change the border of an element to Hex 864C68 is called "border". The border property can be set on classes, ids or directly on the HTML element.

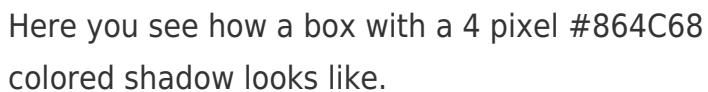
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#864C68 }
```

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

```
.border{ border-color:#864C68 }
```

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



Here you see how a box with a 4 pixel #864C68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #864C68; -webkit-box-shadow:4px 4px  
4px 4px #864C68; box-shadow:4px 4px 4px  
4px #864C68 }
```

# Background

The CSS property to change the background color of an element to Hex 864C68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#864C68 }
```

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

```
.background{ background-color:#864C68 }
```

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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