

# Converting Colors

Hex(864F71)

Have a look what the booklet for  
Hex(864F71) contains.

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# Color

**Hex(864F71)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	864F71
RGB	134, 79, 113
RGB Percent	53%, 31%, 44%
CMY	0.4745, 0.6902, 0.5569
CMYK	0.00, 0.41, 0.16, 0.47
HSL	323°, 26%, 42%
HSV	323°, 41%, 53%
XYZ	15.6081, 11.8526, 17.0879
YIQ	99.3210, 21.8660, 22.2340

# Conversions

## Conversions Part 2

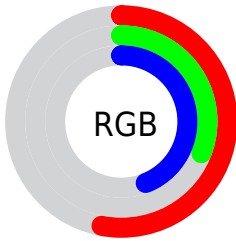
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 79, 113
Decimal	8802161
CIE <sub>Lab</sub>	40.98, 28.20, -9.64
CIE <sub>LCh</sub>	41, 29.799, 341.132
Yxy	11.8526, 0.3504, 0.2661
Android (android.graphics.Color)	4286992241 (0xFF864F71)
YUV	99.3210, 6.7437, 30.4135
Hunter-Lab	34.4275, 20.6769, -5.3290

# Details

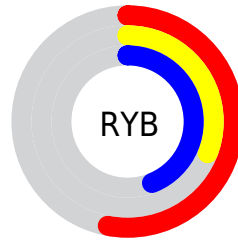
The Hex color **864F71** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4F8664**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **BC81A5**, and **532041** is the 20% darker color. If you saturate the color by 10%, you get **86426C**, and if you desaturate by 10%, it is **865C76**.

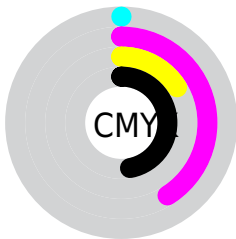
# Distribution



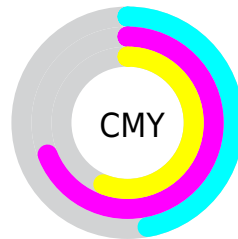
- Red (53%)
- Green (31%)
- Blue (44%)



- Red (53%)
- Yellow (31%)
- Blue (44%)



- Cyan (0%)
- Magenta (41%)
- Yellow (16%)
- Black (47%)



- Cyan (47%)
- Magenta (69%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 864F71 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 864F71 by changing the saturation by 10% instead.



 864F71

 864F71

FFFFFF

 6C3759

 BC81A5

 532041

 D89CC0

 3A082B

 F5B7DC

 270017

 FFD3F8

 000000

 FFEFFF

 864F71

 864F71

 86426C

 865C76

 863467

 866A7B

 862762

 867780

 86195D

 868585

 860C57

 86928B

 860053

 869F90

 86AD95

 86BA9A

 86C89F

# Harmonies

## Analogous

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



6F5786



864F71



8F4D58

# Triad

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



864F71



67622F



006C80

# Complementary

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



864F71



4F8664

# 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.



006D69



864F71



4C683B

# Square

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



864F71



7D5A32



2B6C50



0E678E

# Rectangle

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



864F71



8E4F49



2B6C50



006D79



# Sweetspot

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



864F71



AD99A5



634F86



574B52



D6D6D6



575757



# Same Dimension

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



864F71



AD588D



864F56



423C40



820050



030002



# Inverse Universe

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



864F71



AD588D



4F867F



423C40



820050

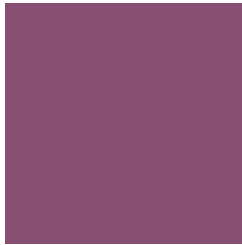


030002



# Previews

## White Background



This preview shows how the Hex color 864F71 looks on a white background.

## Color Contrast Check

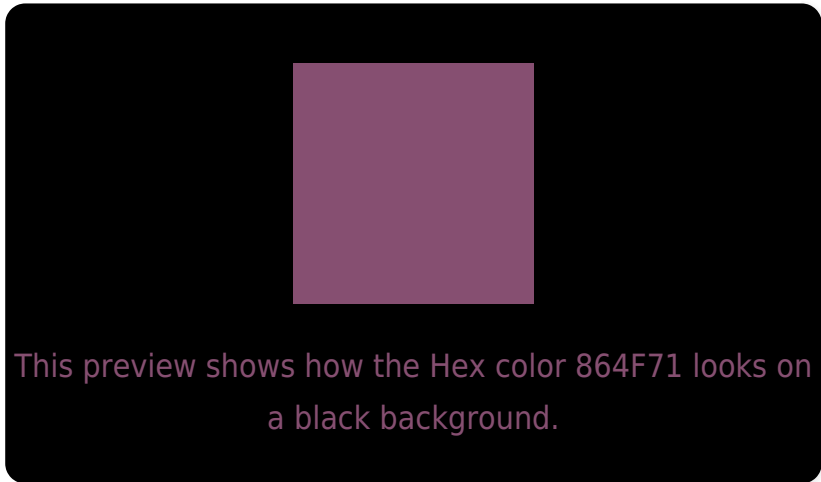
Large Text (above 18pt) WCAG AA ✓ Pass

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

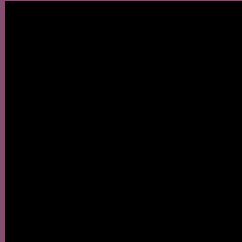
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 864F71 Background



This preview shows how black text looks on a background with the Hex color 864F71.




This preview shows how white text looks on a background with the Hex color 864F71.

# 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





**Tritanopia**  
83545A

# Trichromacy



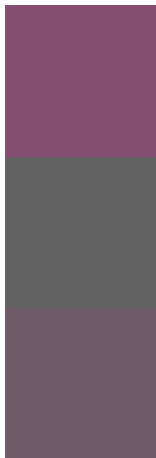
**Original Color**  
864F71

**Protanomaly**  
6A5A79

**Deuteranomaly**  
70596F

**Tritanomaly**  
845262

# Monochromacy



**Original Color**  
864F71

**Achromatopsia**  
636363

**Achromatomaly**  
705C68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 864F71 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 #864F71 looks like.

```
.text, #text, p{  
    color:#864F71  
}
```

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 #864F71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #864F71
}
```

## Border

The CSS property to change the border of an element to Hex 864F71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

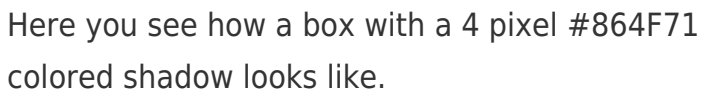
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#864F71 }
```

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

```
.border{ border-color:#864F71 }
```

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



Here you see how a box with a 4 pixel #864F71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #864F71; -webkit-box-shadow:4px 4px  
4px 4px #864F71; box-shadow:4px 4px 4px  
4px #864F71 }
```

# Background

The CSS property to change the background color of an element to Hex 864F71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#864F71 }
```

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

```
.background{ background-color:#864F71 }
```

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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