

# Converting Colors

Hex(848C87)

Have a look what the booklet for  
Hex(848C87) contains.

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# Color

Hex(848C87)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	848C87
RGB	132, 140, 135
RGB Percent	52%, 55%, 53%
CMY	0.4824, 0.4510, 0.4706
CMYK	0.06, 0.00, 0.04, 0.45
HSL	142°, 3%, 53%
HSV	142°, 6%, 55%
XYZ	23.2670, 25.4110, 26.6002
YIQ	137.0380, -3.1630, -3.2510

# Conversions

## Conversions Part 2

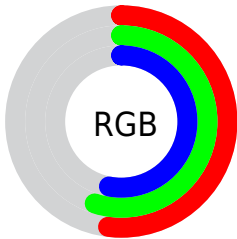
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 138, 140
Decimal	8686727
CIE Lab	57.47, -3.92, 1.65
CIE LCh	57, 4.252, 157.145
Yxy	25.4110, 0.3091, 0.3376
Android (android.graphics.Color)	4286876807 (0xFF848C87)
YUV	137.0380, -1.0047, -4.4183
Hunter-Lab	50.4093, -5.8276, 4.0001

# Details

The Hex color **848C87** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8C8489**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B9C2BC**, and **535A55** is the 20% darker color. If you saturate the color by 10%, you get **768C7E**, and if you desaturate by 10%, it is **928C90**.

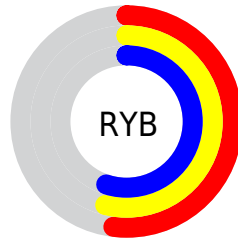
# Distribution



Red (52%)

Green (55%)

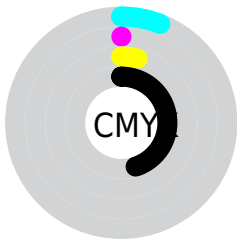
Blue (53%)



Red (52%)

Yellow (54%)

Blue (55%)

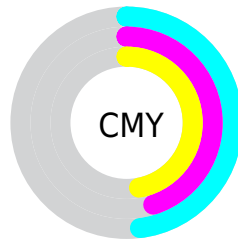


Cyan (6%)

Magenta (0%)

Yellow (4%)

Black (45%)



Cyan (48%)

Magenta (45%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 848C87 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 848C87 by changing the saturation by 10% instead.





848C87



848C87

FFFFFF



6B736E



B9C2BC



535A55



D5DDD8



3C433E



F1FAF4



262C28



111814



000000



848C87



848C87



768C7E



928C90



688C75



A08C99

■ 5A8C6D

■ AE8CA1

■ 4C8C64

■ BC8CAA

■ 3E8C5B

■ CA8CB3

■ 308C52

■ D88CBC

■ 228C4A

■ E68CC4

■ 148C41

■ F48CCD

■ 068C38

■ FF8CD6

# Harmonies

## Analogous

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



888B84



848C87



828C8B

# Triad

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



848C87



878A91



928886

# Complementary

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



848C87



8C8489

# 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.



928889



848C87



8C8990

# Square

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



848C87



838B91



90888D



908983

# Rectangle

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



848C87



818C8D



90888D



928887



# Sweetspot

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



848C87



B1B5B3



898C84



5A5C5B



DBDBDB



5C5C5C



# Same Dimension

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



848C87



A8B5AD



848C8B



3F4541



008532



000502



# Inverse Universe

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



8C8489



B5A8B0



8C8485



453F43



850053



050003



# Previews

## White Background



This preview shows how the Hex color 848C87 looks on a white background.

## Color Contrast Check

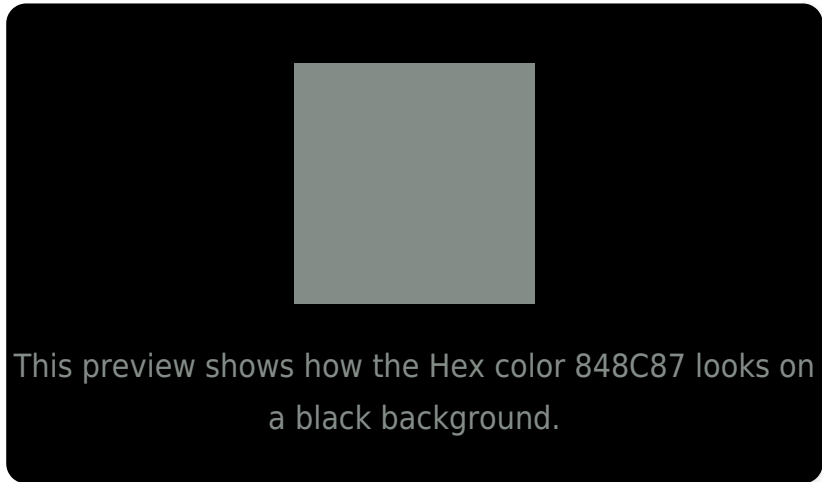
Large Text (above 18pt) WCAG AA ✓ Pass

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

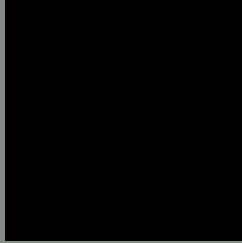
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

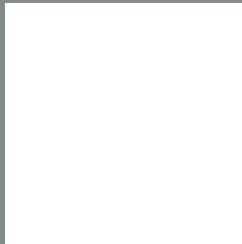
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 848C87 Background



This preview shows how black text looks on a background with the Hex color 848C87.



This preview shows how white text looks on a background with the Hex color 848C87.

# 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**

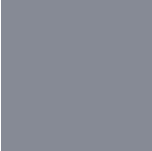
848C87

**Protanopia**

8D8985

**Deuteranopia**

988588



**Tritanopia**  
868A95

# Trichromacy



**Original Color**  
848C87

**Protanomaly**  
8A8A86

**Deuteranomaly**  
918888

**Tritanomaly**  
858B90

# Monochromacy



**Original Color**  
848C87

**Achromatopsia**  
898989

**Achromatomaly**  
878A88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 848C87 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 #848C87 looks like.

```
.text, #text, p{  
    color:#848C87  
}
```

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 #848C87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #848C87
}
```

## Border

The CSS property to change the border of an element to Hex 848C87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

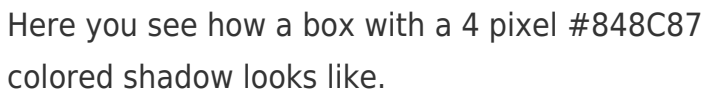
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#848C87 }
```

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

```
.border{ border-color:#848C87 }
```

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



Here you see how a box with a 4 pixel #848C87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #848C87; -webkit-box-shadow:4px 4px  
4px 4px #848C87; box-shadow:4px 4px 4px  
4px #848C87 }
```

# Background

The CSS property to change the background color of an element to Hex 848C87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#848C87 }
```

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

```
.background{ background-color:#848C87 }
```

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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