

# Converting Colors

Hex(848983)

Have a look what the booklet for  
Hex(848983) contains.

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# Color

**Hex(848983)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	848983
RGB	132, 137, 131
RGB Percent	52%, 54%, 51%
CMY	0.4824, 0.4627, 0.4863
CMYK	0.04, 0.00, 0.04, 0.46
HSL	110°, 2%, 53%
HSV	110°, 4%, 54%
XYZ	22.5581, 24.4355, 25.0003
YIQ	134.8210, -1.0540, -2.9260

# Conversions

## Conversions Part 2

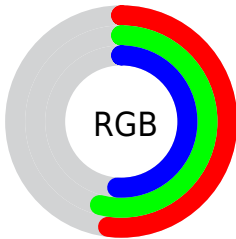
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">131, 137, 136</a>
Decimal	<a href="#">8685955</a>
CIELab	<a href="#">56.52, -3.02, 2.57</a>
CIELCh	<a href="#">57, 3.966, 139.645</a>
Yxy	<a href="#">24.4355, 0.3133, 0.3394</a>
Android (android.graphics.Color)	<a href="#">4286876035 (0xFF848983)</a>
YUV	<a href="#">134.8210, -1.8838, -2.4740</a>
Hunter-Lab	<a href="#">49.4323, -5.0493, 4.6168</a>

# Details

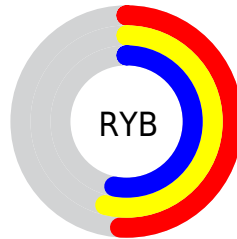
The Hex color **848983** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **888389**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **B9BEB8**, and **535752** is the 20% darker color. If you saturate the color by 10%, you get **798975**, and if you desaturate by 10%, it is **8F8991**.

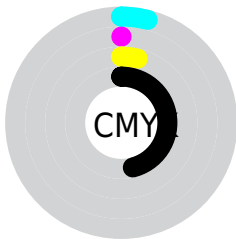
# Distribution



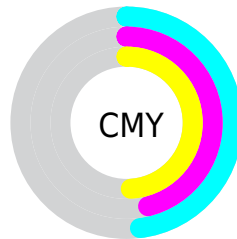
- Red (52%)
- Green (54%)
- Blue (51%)



- Red (51%)
- Yellow (54%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (46%)



- Cyan (48%)
- Magenta (46%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 848983 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 848983 by changing the saturation by 10% instead.



■ 848983

■ 848983

FFFFFF

■ 6B706A

■ B9BEB8

■ 535752

■ D5DAD4

■ 3C403B

■ F1F7F0

■ 262A25

■ 111610

■ 000000

■ 848983

■ 848983

■ 798975

■ 8F8991

■ 6D8968

■ 9B899E

62895A

A689AC

56894C

B289BA

4B893E

BD89C8

408931

C889D5

348923

D489E3

298915

DF89F1

1D8908

EB89FE

# Harmonies

## Analogous

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



888881



848983



818A86

# Triad

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



848983



83888E



8F8585

# Complementary

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



848983



888389

# 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.



8E8589



848983



87878E

# Square

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



848983



80898D



8B868C



8E8682

# Rectangle

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



848983



808A89



8B868C



8F8587



# Sweetspot

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



848983



B1B3B1



898883



595958



D9D9D9



595959



# Same Dimension

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



848983



ABB3AA



838985



414541



168500



010500



# Inverse Universe

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



888389



B1AAB3



898387



444145



6E0085

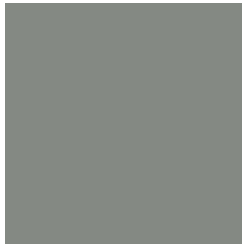


040005



# Previews

## White Background



This preview shows how the Hex color 848983 looks on a white background.

## Color Contrast Check

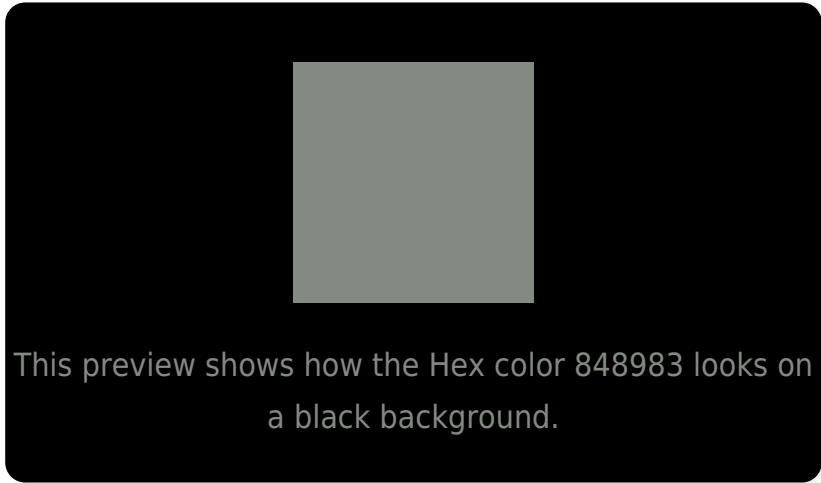
Large Text (above 18pt) WCAG AA ✓ Pass

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

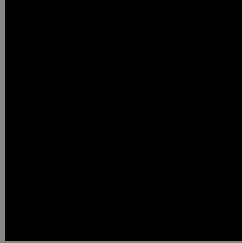
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

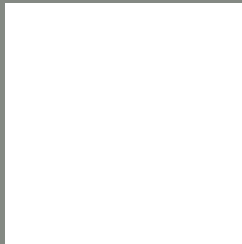
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 848983 Background



This preview shows how black text looks on a background with the Hex color 848983.



This preview shows how white text looks on a background with the Hex color 848983.

# 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**

848983

**Protanopia**

8B8782

**Deuteranopia**

968384



**Tritanopia**  
868791

# Trichromacy



**Original Color**  
848983

**Protanomaly**  
888882

**Deuteranomaly**  
8F8584

**Tritanomaly**  
85888C

# Monochromacy



**Original Color**  
848983

**Achromatopsia**  
878787

**Achromatomaly**  
868886

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 848983 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 #848983 looks like.

```
.text, #text, p{  
    color:#848983  
}
```

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 #848983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #848983
}
```

## Border

The CSS property to change the border of an element to Hex 848983 is called "border". The border property can be set on classes, ids or directly on the HTML element.

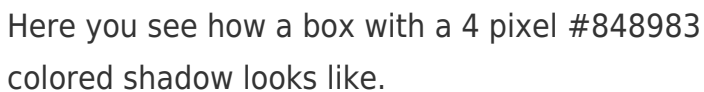
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#848983 }
```

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

```
.border{ border-color:#848983 }
```

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



Here you see how a box with a 4 pixel #848983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #848983; -webkit-box-shadow:4px 4px  
4px 4px #848983; box-shadow:4px 4px 4px  
4px #848983 }
```

# Background

The CSS property to change the background color of an element to Hex 848983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#848983 }
```

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

```
.background{ background-color:#848983 }
```

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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