

# Converting Colors

Hex(848D8D)

Have a look what the booklet for  
Hex(848D8D) contains.

<b>Hex(848D8D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(848D8D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	848D8D
RGB	132, 141, 141
RGB Percent	52%, 55%, 55%
CMY	0.4824, 0.4471, 0.4471
CMYK	0.06, 0.00, 0.00, 0.45
HSL	180°, 4%, 54%
HSV	180°, 6%, 55%
XYZ	23.8483, 25.8784, 28.9374
YIQ	138.3090, -5.3640, -1.9080

# Conversions

## Conversions Part 2

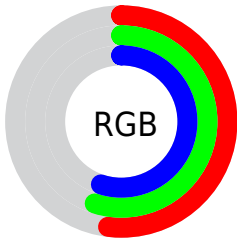
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 137, 141
Decimal	8686989
CIE <sub>Lab</sub>	57.92, -3.26, -1.14
CIE <sub>LCh</sub>	58, 3.457, 199.188
Yxy	25.8784, 0.3032, 0.3290
Android (android.graphics.Color)	4286877069 (0xFF848D8D)
YUV	138.3090, 1.3267, -5.5330
Hunter-Lab	50.8708, -5.3428, 1.8830

# Details

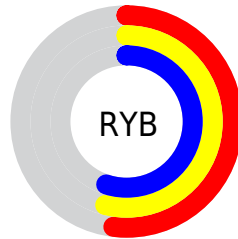
The Hex color **848D8D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8D8484**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B9C3C3**, and **535B5B** is the 20% darker color. If you saturate the color by 10%, you get **768D8D**, and if you desaturate by 10%, it is **928D8D**.

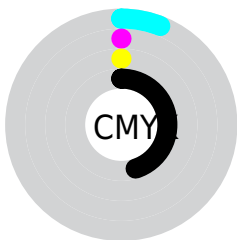
# Distribution



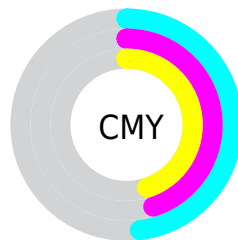
- Red (52%)
- Green (55%)
- Blue (55%)



- Red (52%)
- Yellow (54%)
- Blue (55%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (45%)



- Cyan (48%)
- Magenta (45%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 848D8D 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 848D8D by changing the saturation by 10% instead.





848D8D



848D8D

FFFFFF



6B7373



B9C3C3



535B5B



D5DEDE



3B4344



F1FBFB



262D2D



111919



000000



848D8D



848D8D



768D8D



928D8D



688D8D



A08D8D

5A8D8D

AE8D8D

4C8D8D

BC8D8D

3E8D8D

CB8D8D

2F8D8D

D98D8D

218D8D

E78D8D

138D8D

F58D8D

058D8D

FF8D8D

# Harmonies

## Analogous

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



858D8A



848D8D



858D90

# Triad

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



848D8D



8E8A8F



8F8B85

# Complementary

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



848D8D



8D8484

# 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.



918A87



848D8D



91898C

# Square

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



848D8D



8B8B91



928989



8C8C85

# Rectangle

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



848D8D



868C91



928989



908A86



# Sweetspot

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



848D8D



B4B8B8



848D84



5A5C5C



DBDBDB



5C5C5C



# Same Dimension

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



848D8D



A9B8B8



84898D



404747



008787



000808



# Inverse Universe

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



8D848D



B8A9B8



8D8984



474047



870087



080008



# Previews

## White Background



This preview shows how the Hex color 848D8D looks on a white background.

## Color Contrast Check

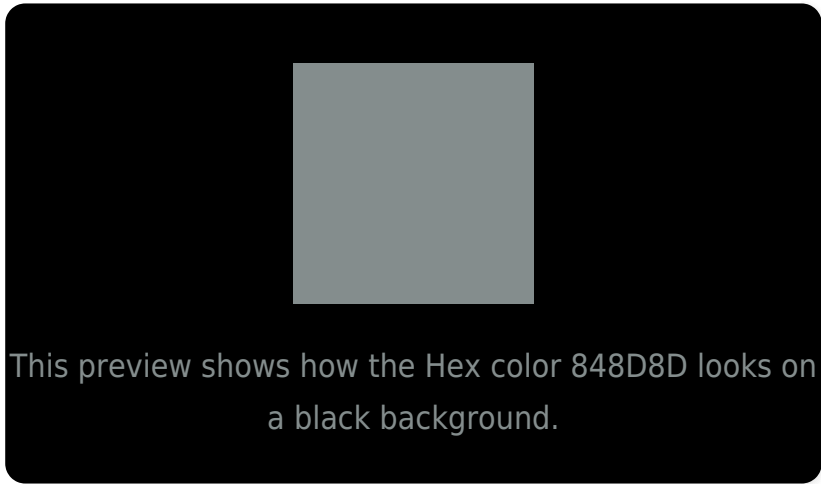
Large Text (above 18pt) WCAG AA ✓ Pass

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

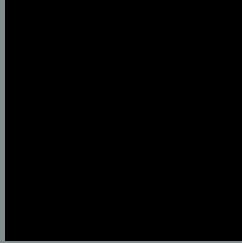
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

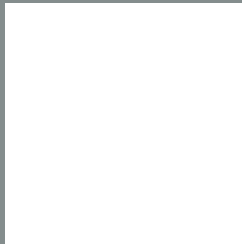
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 848D8D Background



This preview shows how black text looks on a background with the Hex color 848D8D.



This preview shows how white text looks on a background with the Hex color 848D8D.

# 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**

848D8D

**Protanopia**

8D8A8B

**Deuteranopia**

97878E



**Tritanopia**  
868C97

# Trichromacy



**Original Color**  
848D8D

**Protanomaly**  
8A8B8C

**Deuteranomaly**  
90898E

**Tritanomaly**  
858C93

# Monochromacy



**Original Color**  
848D8D

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
888B8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 848D8D 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 #848D8D looks like.

```
.text, #text, p{  
    color:#848D8D  
}
```

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 #848D8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #848D8D
}
```

## Border

The CSS property to change the border of an element to Hex 848D8D 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
#848D8D }
```

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

```
.border{ border-color:#848D8D }
```

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

Here you see how a box with a 4 pixel #848D8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #848D8D; -webkit-box-shadow:4px 4px  
4px 4px #848D8D; box-shadow:4px 4px 4px  
4px #848D8D }
```

# Background

The CSS property to change the background color of an element to Hex 848D8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#848D8D }
```

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

```
.background{ background-color:#848D8D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor