

# Converting Colors

Hex(838882)

Have a look what the booklet for  
Hex(838882) contains.

<b>Hex(838882)</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(838882)

# Conversions

## Conversions Part 1

Format	Color
Hex	838882
RGB	131, 136, 130
RGB Percent	51%, 53%, 51%
CMY	0.4863, 0.4667, 0.4902
CMYK	0.04, 0.00, 0.04, 0.47
HSL	110°, 2%, 52%
HSV	110°, 4%, 53%
XYZ	22.1935, 24.0453, 24.5906
YIQ	133.8210, -1.0540, -2.9260

# Conversions

## Conversions Part 2

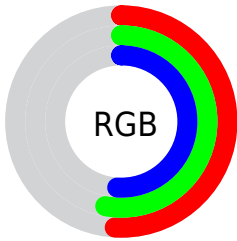
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 136, 135
Decimal	8620162
CIE Lab	56.13, -3.03, 2.57
CIE LCh	56, 3.971, 139.644
Yxy	24.0453, 0.3133, 0.3395
Android (android.graphics.Color)	4286810242 (0xFF838882)
YUV	133.8210, -1.8838, -2.4740
Hunter-Lab	49.0360, -5.0247, 4.5925

# Details

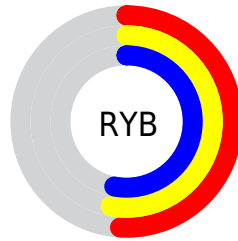
The Hex color **838882** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **878288**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B8BDB7**, and **525651** is the 20% darker color. If you saturate the color by 10%, you get **788874**, and if you desaturate by 10%, it is **8E8890**.

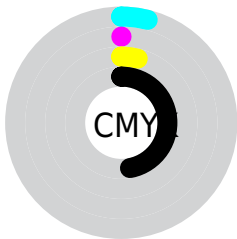
# Distribution



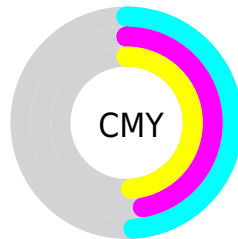
- Red (51%)
- Green (53%)
- Blue (51%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (47%)



- Cyan (49%)
- Magenta (47%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 838882 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 838882 by changing the saturation by 10% instead.





838882



838882

FFFFFF



6A6F69



B8BDB7



525651



D4D9D2



3B3F3A



F0F5EF



252924



10150F



000000



838882



838882



788874



8E8890



6C8867



9A889D

618859

A588AB

56884C

B088B8

4A883E

BC88C6

3F8830

C788D4

348823

D288E1

288815

DE88EF

1D8808

E988FC

# Harmonies

## Analogous

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



878780



838882



808985

# Triad

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



838882



82878D



8E8484

# Complementary

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



838882



878288

# 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.



8D8488



838882



86868D

# Square

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



838882



7F888C



8A858B



8D8581

# Rectangle

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



838882



7F8988



8A858B



8E8486



# Sweetspot

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



838882



AEB0AE



888782



595958



D9D9D9



595959



# Same Dimension

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



838882



A9B0A7



828884



414541



168500



010500



# Inverse Universe

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



878288



AEA7B0



888286



444145



6F0085

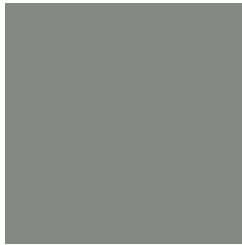


040005



# Previews

## White Background



This preview shows how the Hex color 838882 looks on a white background.

## Color Contrast Check

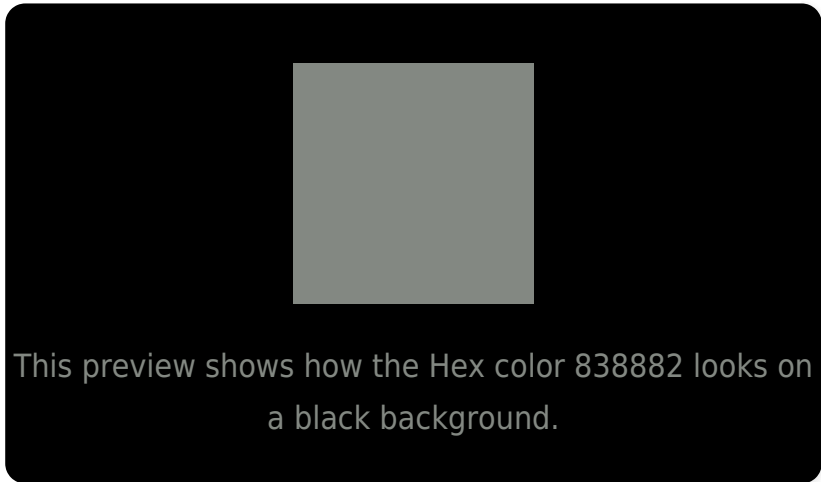
Large Text (above 18pt) WCAG AA ✓ Pass

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

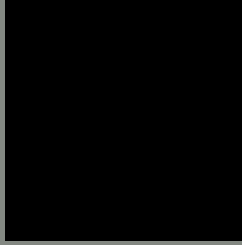
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

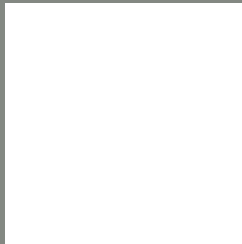
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 838882 Background



This preview shows how black text looks on a background with the Hex color 838882.



This preview shows how white text looks on a background with the Hex color 838882.

# 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**  
838882

**Protanopia**  
8A8681

**Deuteranopia**  
958283



**Tritanopia**  
858690

# Trichromacy



**Original Color**  
838882

**Protanomaly**  
878781

**Deuteranomaly**  
8E8483

**Tritanomaly**  
84878B

# Monochromacy



**Original Color**  
838882

**Achromatopsia**  
868686

**Achromatomaly**  
858785

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 838882 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 #838882 looks like.

```
.text, #text, p{  
    color:#838882  
}
```

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 #838882 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838882
}
```

## Border

The CSS property to change the border of an element to Hex 838882 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
#838882 }
```

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

```
.border{ border-color:#838882 }
```

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

Here you see how a box with a 4 pixel #838882 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838882; -webkit-box-shadow:4px 4px  
4px 4px #838882; box-shadow:4px 4px 4px  
4px #838882 }
```

# Background

The CSS property to change the background color of an element to Hex 838882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838882 }
```

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

```
.background{ background-color:#838882 }
```

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