

# Converting Colors

Hex(838E85)

Have a look what the booklet for  
Hex(838E85) contains.

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# Color

**Hex(838E85)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	838E85
RGB	131, 142, 133
RGB Percent	51%, 56%, 52%
CMY	0.4863, 0.4431, 0.4784
CMYK	0.08, 0.00, 0.06, 0.44
HSL	131°, 5%, 54%
HSV	131°, 8%, 56%
XYZ	23.2667, 25.8648, 25.9564
YIQ	137.6850, -3.6670, -5.1310

# Conversions

## Conversions Part 2

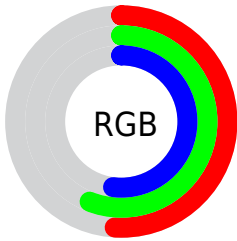
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 140, 142
Decimal	8621701
CIE Lab	57.91, -5.79, 3.42
CIE LCh	58, 6.726, 149.461
Yxy	25.8648, 0.3099, 0.3445
Android (android.graphics.Color)	4286811781 (0xFF838E85)
YUV	137.6850, -2.3097, -5.8627
Hunter-Lab	50.8574, -7.3386, 5.3400

# Details

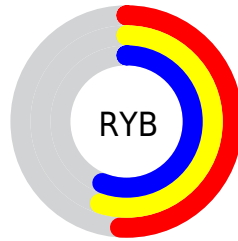
The Hex color **838E85** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8E838C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B8C4BA**, and **525C54** is the 20% darker color. If you saturate the color by 10%, you get **758E79**, and if you desaturate by 10%, it is **918E91**.

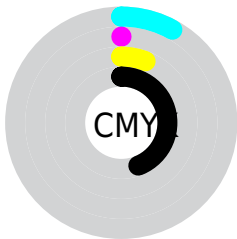
# Distribution



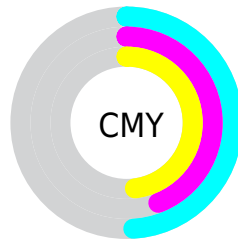
- Red (51%)
- Green (56%)
- Blue (52%)



- Red (51%)
- Yellow (55%)
- Blue (56%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (44%)



- Cyan (49%)
- Magenta (44%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 838E85 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 838E85 by changing the saturation by 10% instead.





838E85



838E85

FFFFFF



6A746C



B8C4BA



525C54



D4E0D6



3B443C



F0FCF2



252E27



101A12



000000



838E85



838E85



758E79



918E91



678E6E



9F8E9C

■ 588E62

■ AE8EA8

■ 4A8E57

■ BC8EB3

■ 3C8E4B

■ CA8EBF

■ 2E8E3F

■ D88ECB

■ 208E34

■ E68ED6

■ 118E28

■ F58EE2

■ 038E1C

■ FF8EEE

# Harmonies

## Analogous

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



8A8D81



838E85



7E8F8B

# Triad

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



838E85



858C97



988886

# Complementary

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



838E85



8E838C

# 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.



97878B



838E85



8C8A95

# Square

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



838E85



7F8D95



938891



968981

# Rectangle

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



838E85



7D8F8F



938891



988787



# Sweetspot

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



838E85



B4B8B5



8C8E83



5A5C5A



DBDBDB



5C5C5C



# Same Dimension

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



838E85



A7B8AA



838E8A



404742



008719



000801



# Inverse Universe

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



8E838C



B8A7B5



8E8387



474046



87006F

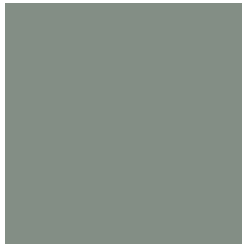


080006



# Previews

## White Background



This preview shows how the Hex color 838E85 looks on a white background.

## Color Contrast Check

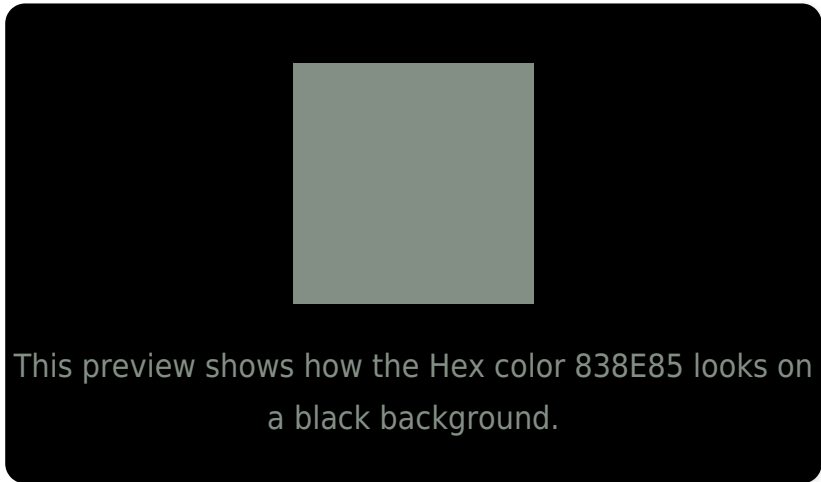
Large Text (above 18pt) WCAG AA ✓ Pass

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

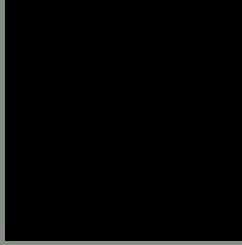
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 838E85 Background



This preview shows how black text looks on a background with the Hex color 838E85.

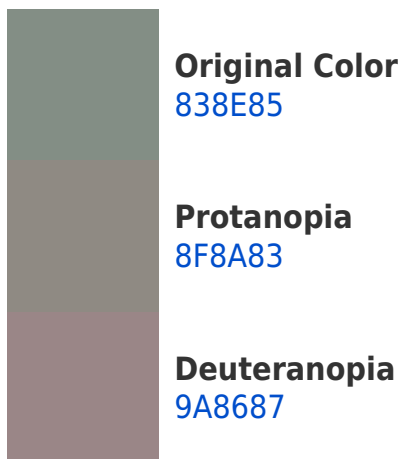


This preview shows how white text looks on a background with the Hex color 838E85.

# 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**  
868B96

# Trichromacy



**Original Color**  
838E85

**Protanomaly**  
8B8B84

**Deuteranomaly**  
928986

**Tritanomaly**  
858C90

# Monochromacy



**Original Color**  
838E85

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
878B88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 838E85 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 #838E85 looks like.

```
.text, #text, p{  
    color:#838E85  
}
```

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 #838E85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838E85
}
```

## Border

The CSS property to change the border of an element to Hex 838E85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

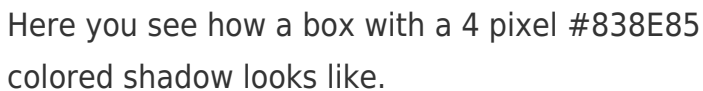
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#838E85 }
```

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

```
.border{ border-color:#838E85 }
```

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



Here you see how a box with a 4 pixel #838E85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838E85; -webkit-box-shadow:4px 4px  
4px 4px #838E85; box-shadow:4px 4px 4px  
4px #838E85 }
```

# Background

The CSS property to change the background color of an element to Hex 838E85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838E85 }
```

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

```
.background{ background-color:#838E85 }
```

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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