

# Converting Colors

Hex(858A88)

Have a look what the booklet for  
Hex(858A88) contains.

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# Color

Hex(858A88)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	858A88
RGB	133, 138, 136
RGB Percent	52%, 54%, 53%
CMY	0.4784, 0.4588, 0.4667
CMYK	0.04, 0.00, 0.01, 0.46
HSL	156°, 2%, 53%
HSV	156°, 4%, 54%
XYZ	23.2053, 24.9411, 26.8836
YIQ	136.2770, -2.3380, -1.6820

# Conversions

## Conversions Part 2

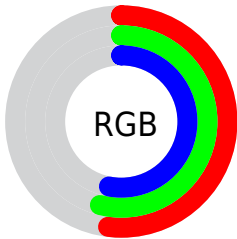
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 136, 138
Decimal	8751752
CIE <sub>Lab</sub>	57.02, -2.23, 0.42
CIE <sub>LCh</sub>	57, 2.270, 169.256
Yxy	24.9411, 0.3093, 0.3324
Android (android.graphics.Color)	4286941832 (0xFF858A88)
YUV	136.2770, -0.1366, -2.8739
Hunter-Lab	49.9410, -4.4562, 3.0425

# Details

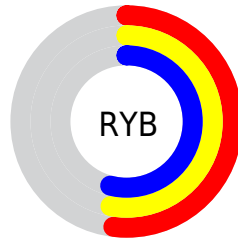
The Hex color **858A88** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8A8587**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **BABFBD**, and **545856** is the 20% darker color. If you saturate the color by 10%, you get **778A82**, and if you desaturate by 10%, it is **938A8E**.

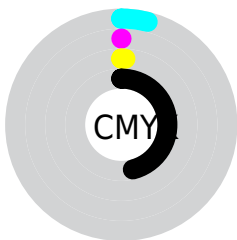
# Distribution



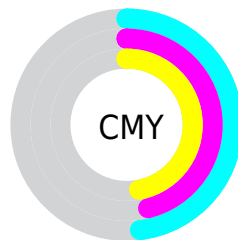
- Red (52%)
- Green (54%)
- Blue (53%)



- Red (52%)
- Yellow (53%)
- Blue (54%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (46%)



- Cyan (48%)
- Magenta (46%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 858A88 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 858A88 by changing the saturation by 10% instead.





858A88



858A88

FFFFFF



6C716F



BABFBD



545856



D6DBD9



3C413F



F2F8F5



272B29



121615



000000



858A88



858A88



778A82



938A8E



698A7D



A18A93

■ 5C8A77

■ AE8A99

■ 4E8A72

■ BC8A9E

■ 408A6C

■ CA8AA4

■ 328A67

■ D88AA9

■ 248A61

■ E68AAF

■ 178A5C

■ F38AB4

■ 098A56

■ FF8ABA

# Harmonies

## Analogous

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



878A86



858A88



848A8A

# Triad

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



858A88



88898D



8D8886

# Complementary

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



858A88



8A8587

# 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.



8D8888



858A88



8B888B

# Square

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



858A88



86898D



8D888A



8B8885

# Rectangle

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



858A88



848A8B



8D888A



8D8886



# Sweetspot

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



858A88



B1B3B2



878A85



585959



D9D9D9



595959



# Same Dimension

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



858A88



ABB3B0



858A8A



414543



008550



000503



# Inverse Universe

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



8A8587



B3ABAE



8A8685



454143



850035



050002



# Previews

## White Background



This preview shows how the Hex color 858A88 looks on a white background.

## Color Contrast Check

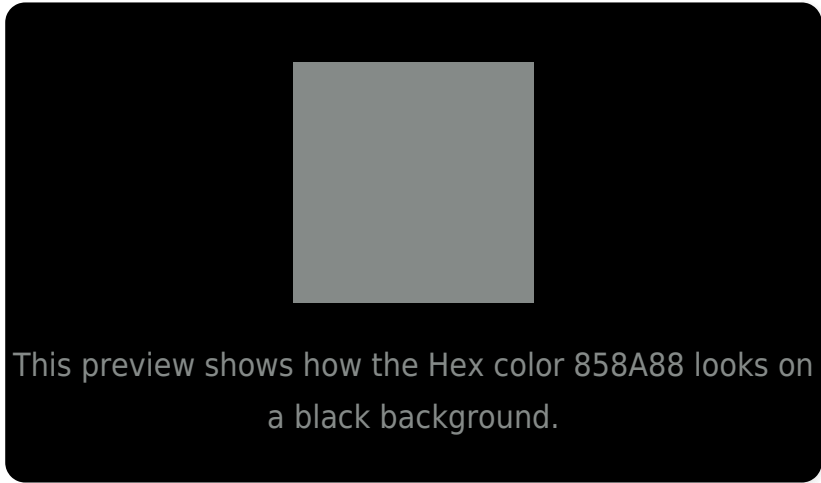
Large Text (above 18pt) WCAG AA ✓ Pass

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

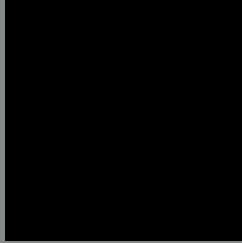
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

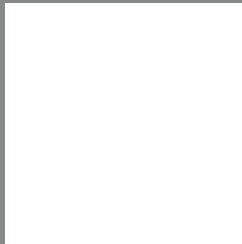
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 858A88 Background



This preview shows how black text looks on a background with the Hex color 858A88.



This preview shows how white text looks on a background with the Hex color 858A88.

# 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**

858A88

**Protanopia**

8B8887

**Deuteranopia**

968489



**Tritanopia**  
878893

# Trichromacy



**Original Color**  
858A88

**Protanomaly**  
898987

**Deuteranomaly**  
908689

**Tritanomaly**  
86898F

# Monochromacy



**Original Color**  
858A88

**Achromatopsia**  
888888

**Achromatomaly**  
878988

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 858A88 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 #858A88 looks like.

```
.text, #text, p{  
    color:#858A88  
}
```

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 #858A88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #858A88
}
```

## Border

The CSS property to change the border of an element to Hex 858A88 is called "border". The border property can be set on classes, ids or directly on the HTML element.

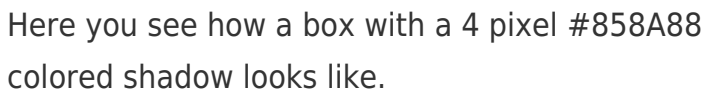
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#858A88 }
```

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

```
.border{ border-color:#858A88 }
```

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



Here you see how a box with a 4 pixel #858A88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #858A88; -webkit-box-shadow:4px 4px  
4px 4px #858A88; box-shadow:4px 4px 4px  
4px #858A88 }
```

# Background

The CSS property to change the background color of an element to Hex 858A88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#858A88 }
```

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

```
.background{ background-color:#858A88 }
```

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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