

# Converting Colors

Hex(858380)

Have a look what the booklet for  
Hex(858380) contains.

<b>Hex(858380)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(858380)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	858380
RGB	133, 131, 128
RGB Percent	52%, 51%, 50%
CMY	0.4784, 0.4863, 0.4980
CMYK	0.00, 0.02, 0.04, 0.48
HSL	36°, 2%, 51%
HSV	36°, 4%, 52%
XYZ	21.6854, 22.7777, 23.6757
YIQ	131.2560, 2.1550, -0.5090

# Conversions

## Conversions Part 2

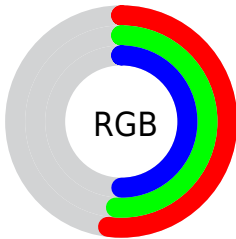
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 133, 128
Decimal	8749952
CIE <sub>Lab</sub>	54.84, 0.17, 1.88
CIE <sub>LCh</sub>	55, 1.884, 84.852
Yxy	22.7777, 0.3183, 0.3343
Android (android.graphics.Color)	4286940032 (0xFF858380)
YUV	131.2560, -1.6052, 1.5295
Hunter-Lab	47.7259, -2.4146, 3.9959

# Details

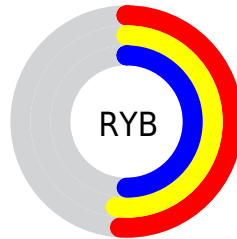
The Hex color **858380** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **808285**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **BAB8B5**, and **54524F** is the 20% darker color. If you saturate the color by 10%, you get **857E73**, and if you desaturate by 10%, it is **85888D**.

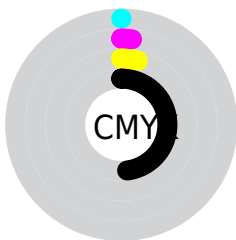
# Distribution



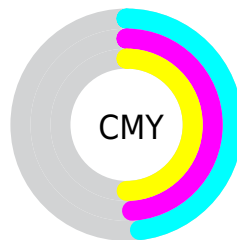
- Red (52%)
- Green (51%)
- Blue (50%)



- Red (51%)
- Yellow (52%)
- Blue (50%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (48%)



- Cyan (48%)
- Magenta (49%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 858380 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 858380 by changing the saturation by 10% instead.



858380

858380

FFFFFF

6C6A67

BAB8B5

54524F

D6D4D0

3C3B38

F2F0ED

272523

12100D

000000

858380

858380

857E73

85888D

857865

858E9B

 857358

 8593A8

 856E4B

 8598B5

 85683D

 859EC3

 856330

 85A3D0

 855E23

 85A8DD

 855816

 85AEEA

 855308

 85B3F8

# Harmonies

## Analogous

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



868381



858380



838480

# Triad

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



858380



7F8485



858285

# Complementary

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



858380



808285

# 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.



838386



858380



808486

# Square

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



858380



808483



818386



868284

# Rectangle

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



858380



828481



818386



858386



# Sweetspot

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



858380



ADADAC



858082



575656



D6D6D6



575757



# Same Dimension

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



858380



ADAAA5



858580



42413E



824E00



030200



# Inverse Universe

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



808285



A5A8AD



808085



3E4042



003482



000103



# Previews

## White Background



This preview shows how the Hex color 858380 looks on a white background.

## Color Contrast Check

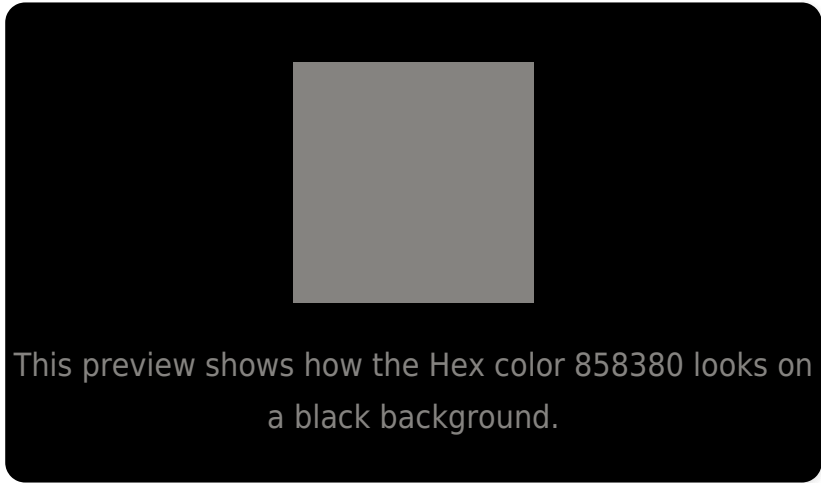
Large Text (above 18pt) WCAG AA ✓ Pass

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

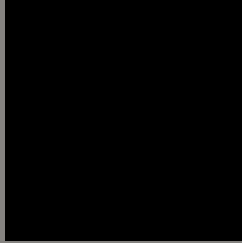
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

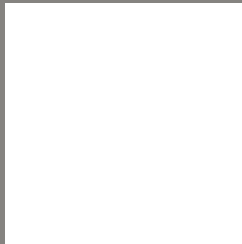
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 858380 Background



This preview shows how black text looks on a background with the Hex color 858380.



This preview shows how white text looks on a background with the Hex color 858380.

# 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**  
858380

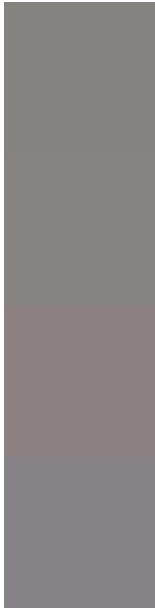
**Protanopia**  
868380

**Deuteranopia**  
917F81



**Tritanopia**  
87818B

# Trichromacy



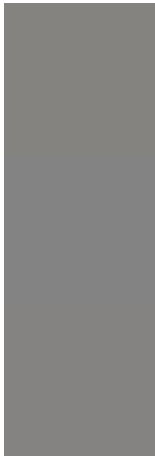
**Original Color**  
858380

**Protanomaly**  
868380

**Deuteranomaly**  
8D8081

**Tritanomaly**  
868287

# Monochromacy



**Original Color**  
858380

**Achromatopsia**  
838383

**Achromatomaly**  
848382

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 858380 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 #858380 looks like.

```
.text, #text, p{  
    color:#858380  
}
```

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 #858380 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #858380
}
```

## Border

The CSS property to change the border of an element to Hex 858380 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
#858380 }
```

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

```
.border{ border-color:#858380 }
```

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

Here you see how a box with a 4 pixel #858380 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #858380; -webkit-box-shadow:4px 4px  
4px 4px #858380; box-shadow:4px 4px 4px  
4px #858380 }
```

# Background

The CSS property to change the background color of an element to Hex 858380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#858380 }
```

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

```
.background{ background-color:#858380 }
```

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