

# Converting Colors

Hex(858080)

Have a look what the booklet for  
Hex(858080) contains.

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# Color

**Hex(858080)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	858080
RGB	133, 128, 128
RGB Percent	52%, 50%, 50%
CMY	0.4784, 0.4980, 0.4980
CMYK	0.00, 0.04, 0.04, 0.48
HSL	0°, 2%, 51%
HSV	0°, 4%, 52%
XYZ	21.2883, 21.9834, 23.5433
YIQ	129.4950, 2.9800, 1.0600

# Conversions

## Conversions Part 2

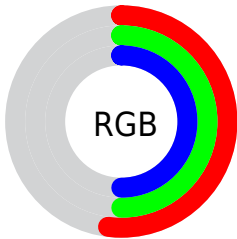
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 128, 128
Decimal	8749184
CIELab	54.01, 1.88, 0.66
CIELCh	54, 1.997, 19.419
Yxy	21.9834, 0.3186, 0.3290
Android (android.graphics.Color)	4286939264 (0xFF858080)
YUV	129.4950, -0.7370, 3.0739
Hunter-Lab	46.8865, -1.0052, 3.0490

# Details

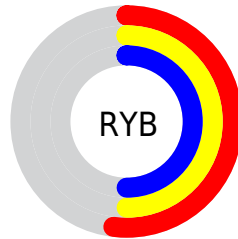
The Hex color **858080** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **808585**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **BAB5B5**, and **544F4F** is the 20% darker color. If you saturate the color by 10%, you get **857373**, and if you desaturate by 10%, it is **858D8D**.

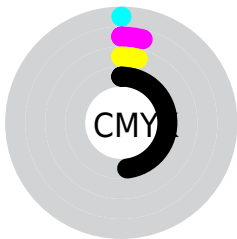
# Distribution



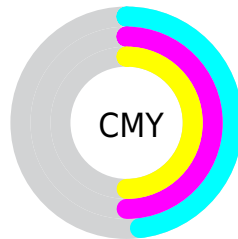
- Red (52%)
- Green (50%)
- Blue (50%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 858080 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 858080 by changing the saturation by 10% instead.



 858080

 858080

FFFFFF

 6C6767

 BAB5B5

 544F4F

 D6D0D0

 3C3838

 F2EDED

 272323

 120D0D

 000000

 858080

 858080

 857373

 858D8D

 856565

 859B9B

855858

85A8A8

854B4B

85B5B5

853D3D

85C3C3

853030

85D0D0

852323

85DDDD

851616

85EAEA

850808

85F8F8

# Harmonies

## Analogous

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



848082



858080



85807F

# Triad

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



858080



7F827F



7F8184

# Complementary

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



858080



808585

# 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.



7D8284



858080



7E8280

# Square

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



858080



81817E



7D8282



818184

# Rectangle

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



858080



84817E



7D8282



7E8284



# Sweetspot

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



858080



ADACAC



858085



575656



D6D6D6



575757



# Same Dimension

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



858080



ADA5A5



858380



423E3E



820000



030000



# Inverse Universe

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



808585



A5ADAD



808385



3E4242



008282



000303



# Previews

## White Background



This preview shows how the Hex color 858080 looks on a white background.

## Color Contrast Check

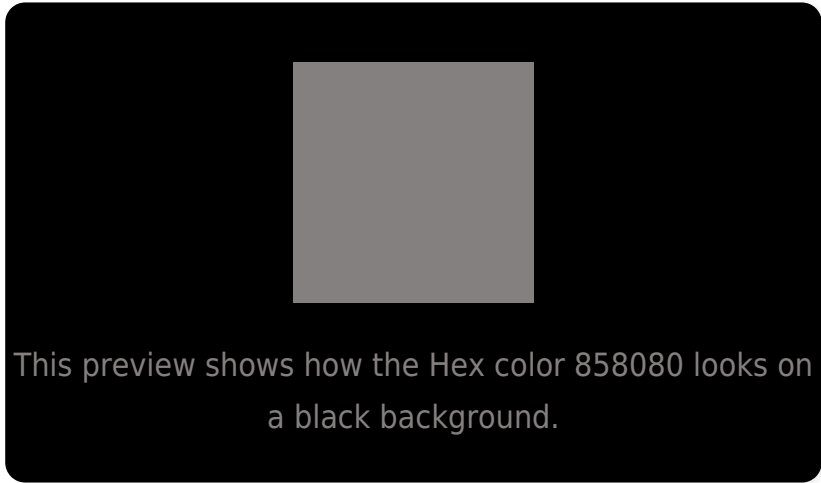
Large Text (above 18pt) WCAG AA ✓ Pass

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

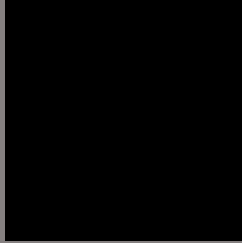
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

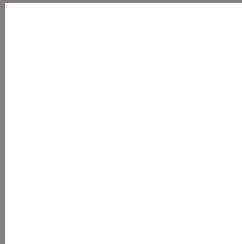
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 858080 Background



This preview shows how black text looks on a background with the Hex color 858080.



This preview shows how white text looks on a background with the Hex color 858080.

# 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**  
858080

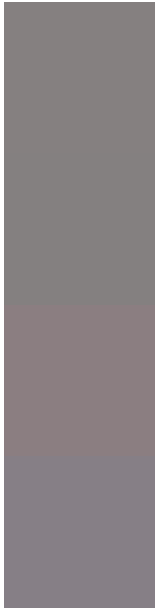
**Protanopia**  
838080

**Deuteranopia**  
8E7D81



**Tritanopia**  
867F89

# Trichromacy



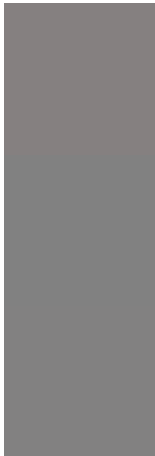
**Original Color**  
858080

**Protanomaly**  
848080

**Deuteranomaly**  
8B7E81

**Tritanomaly**  
867F86

# Monochromacy



**Original Color**  
858080

**Achromatopsia**  
818181

**Achromatomaly**  
828181

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 858080 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 #858080 looks like.

```
.text, #text, p{  
    color:#858080  
}
```

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 #858080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #858080
}
```

## Border

The CSS property to change the border of an element to Hex 858080 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".

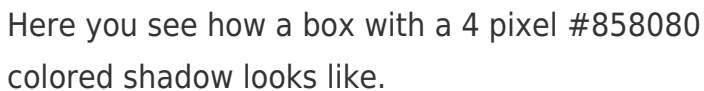
```
.border, #border, table{ border:4px solid
#858080 }
```

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

```
.border{ border-color:#858080 }
```

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

Here you see how a box with a 4 pixel #858080 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #858080; -webkit-box-shadow:4px 4px  
4px 4px #858080; box-shadow:4px 4px 4px  
4px #858080 }
```

# Background

The CSS property to change the background color of an element to Hex 858080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#858080 }
```

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

```
.background{ background-color:#858080 }
```

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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