

# Converting Colors

Hex(858786)

Have a look what the booklet for  
Hex(858786) contains.

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# Color

**Hex(858786)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	858786
RGB	133, 135, 134
RGB Percent	52%, 53%, 53%
CMY	0.4784, 0.4706, 0.4745
CMYK	0.01, 0.00, 0.01, 0.47
HSL	150°, 1%, 53%
HSV	150°, 1%, 53%
XYZ	22.6399, 24.0357, 26.0004
YIQ	134.2880, -0.8710, -0.7350

# Conversions

## Conversions Part 2

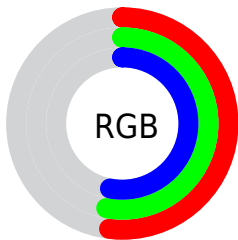
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 134, 135
Decimal	8750982
CIE Lab	56.12, -0.93, 0.27
CIE LCh	56, 0.973, 163.847
Yxy	24.0357, 0.3115, 0.3307
Android (android.graphics.Color)	4286941062 (0xFF858786)
YUV	134.2880, -0.1420, -1.1296
Hunter-Lab	49.0262, -3.3661, 2.8748

# Details

The Hex color **858786** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **878586**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **BABCBB**, and **545554** is the 20% darker color. If you saturate the color by 10%, you get **78877F**, and if you desaturate by 10%, it is **93878D**.

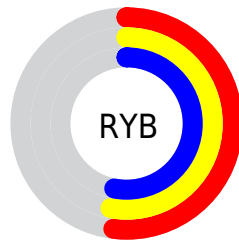
# Distribution



Red (52%)

Green (53%)

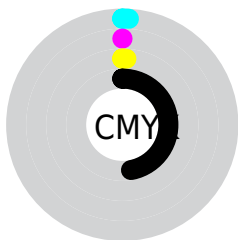
Blue (53%)



Red (52%)

Yellow (53%)

Blue (53%)

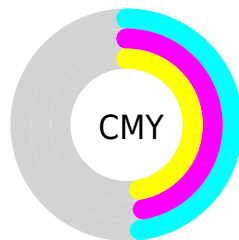


Cyan (1%)

Magenta (0%)

Yellow (1%)

Black (47%)



Cyan (48%)

Magenta (47%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 858786 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 858786 by changing the saturation by 10% instead.



858786

858786

FFFFFF

6C6E6D

BABCBB

545554

D6D8D7

3C3E3D

F2F4F3

272828

121413

000000

858786

858786

78877F

93878D

6A8779

A08793

■ 5D8772

■ AE879A

■ 4F876B

■ BB87A1

■ 428764

■ C987A8

■ 34875E

■ D687AF

■ 278757

■ E387B5

■ 198750

■ F187BC

■ 0B8749

■ FF87C3

# Harmonies

## Analogous

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



868785



858786



858787

# Triad

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



858786



868688



888685

# Complementary

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



858786



878586

# 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.



888686



858786



878688

# Square

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



858786



858788



888687



888685

# Rectangle

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



858786



858787



888687



888686



# Sweetspot

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



858786



B0B0B0



868785



595959



D9D9D9

# Same Dimension

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



858786



ACB0AE



858787



414242



008241



000301



# Inverse Universe

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



878586



B0ACAE



878585



424142



820041



030001



# Previews

## White Background



This preview shows how the Hex color 858786 looks on a white background.

## Color Contrast Check

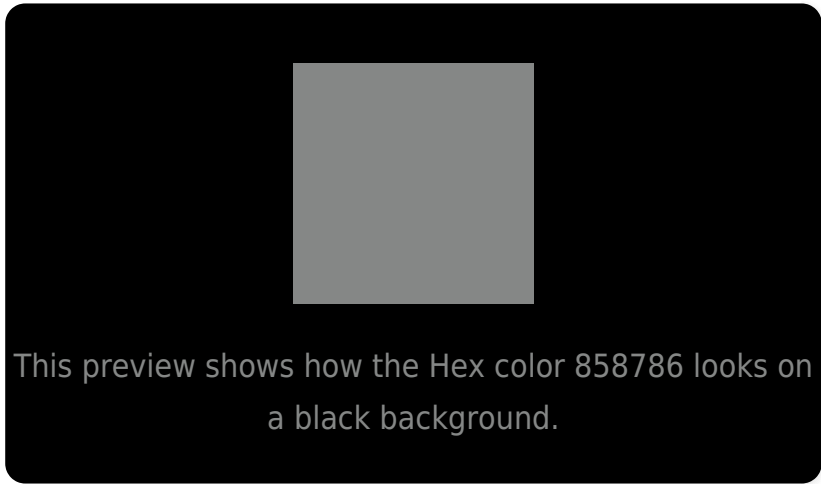
Large Text (above 18pt) WCAG AA ✓ Pass

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

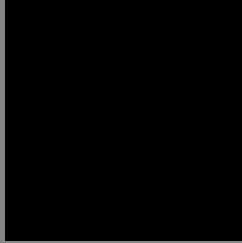
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

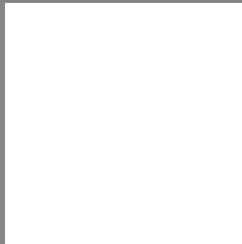
Any Text WCAG AAA × Fail

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

## Hex 858786 Background



This preview shows how black text looks on a background with the Hex color 858786.



This preview shows how white text looks on a background with the Hex color 858786.



# 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**  
858786

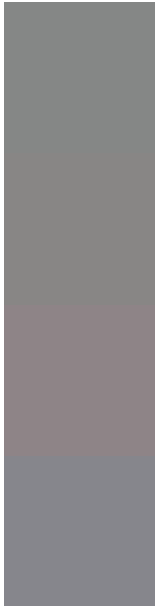
**Protanopia**  
898685

**Deuteranopia**  
938287



**Tritanopia**  
878590

# Trichromacy



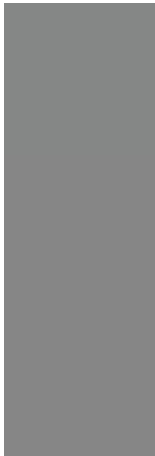
**Original Color**  
858786

**Protanomaly**  
888685

**Deuteranomaly**  
8E8487

**Tritanomaly**  
86868C

# Monochromacy



**Original Color**  
858786

**Achromatopsia**  
868686

**Achromatomaly**  
868686

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 858786 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 #858786 looks like.

```
.text, #text, p{  
    color:#858786  
}
```

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 #858786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #858786
}
```

## Border

The CSS property to change the border of an element to Hex 858786 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
#858786 }
```

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

```
.border{ border-color:#858786 }
```

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

Here you see how a box with a 4 pixel #858786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #858786; -webkit-box-shadow:4px 4px  
4px 4px #858786; box-shadow:4px 4px 4px  
4px #858786 }
```

# Background

The CSS property to change the background color of an element to Hex 858786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#858786 }
```

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

```
.background{ background-color:#858786 }
```

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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