

# Converting Colors

Hex(858477)

Have a look what the booklet for  
Hex(858477) contains.

<b>Hex(858477)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(858477)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	858477
RGB	133, 132, 119
RGB Percent	52%, 52%, 47%
CMY	0.4784, 0.4824, 0.5333
CMYK	0.00, 0.01, 0.11, 0.48
HSL	56°, 6%, 49%
HSV	56°, 11%, 52%
XYZ	21.2539, 22.8210, 20.7375
YIQ	130.8170, 4.7690, -3.8310

# Conversions

## Conversions Part 2

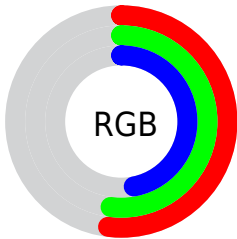
Format	Color
R <sub>Y</sub> B	120, 133, 119
Decimal	8750199
CIE Lab	54.89, -2.06, 7.15
CIE LCh	55, 7.442, 106.108
Yxy	22.8210, 0.3279, 0.3521
Android (android.graphics.Color)	4286940279 (0xFF858477)
YUV	130.8170, -5.8258, 1.9145
Hunter-Lab	47.7713, -4.1835, 7.7022

# Details

The Hex color **858477** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **777885**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **BAB9AB**, and **535347** is the 20% darker color. If you saturate the color by 10%, you get **85836A**, and if you desaturate by 10%, it is **858584**.

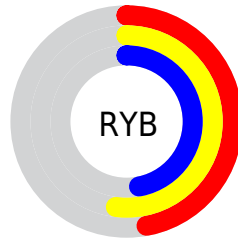
# Distribution



Red (52%)

Green (52%)

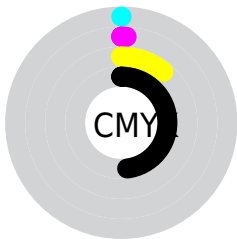
Blue (47%)



Red (47%)

Yellow (52%)

Blue (47%)

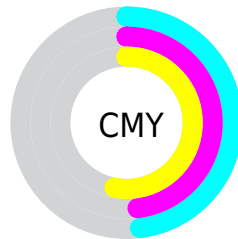


Cyan (0%)

Magenta (1%)

Yellow (11%)

Black (48%)



Cyan (48%)

Magenta (48%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 858477 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 858477 by changing the saturation by 10% instead.



 858477

 858477

FFFFFF

 6C6B5E

 BAB9AB

 535347

 D6D5C6

 3C3C30

 F2F1E2

 26261B

 121100

 000000

 858477

 858477

 85836A

 858584

 85825C

 858692

■ 85814F

■ 85879F

■ 858042

■ 8588AC

■ 857F35

■ 8589BA

■ 857E27

■ 858AC7

■ 857D1A

■ 858BD4

■ 857C0D

■ 858CE1

■ 857C00

■ 858DEF

# Harmonies

## Analogous

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



8C8277



858477



7E867A

# Triad

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



858477



74868C



8F7F87

# Complementary

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



858477



777885

# 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.



89818C



858477



798590

# Square

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



858477



748787



818390



917F80

# Rectangle

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



858477



79877E



818390



8D8089



# Sweetspot

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



858477



ADADA8



857778



575653



D6D6D6



575757



# Same Dimension

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



858477



ADAC97



7F8577



42423C



827900



030200



# Inverse Universe

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



777885



9798AD



7D7785



3C3C42



000982



000003



# Previews

## White Background



This preview shows how the Hex color 858477 looks on a white background.

## Color Contrast Check

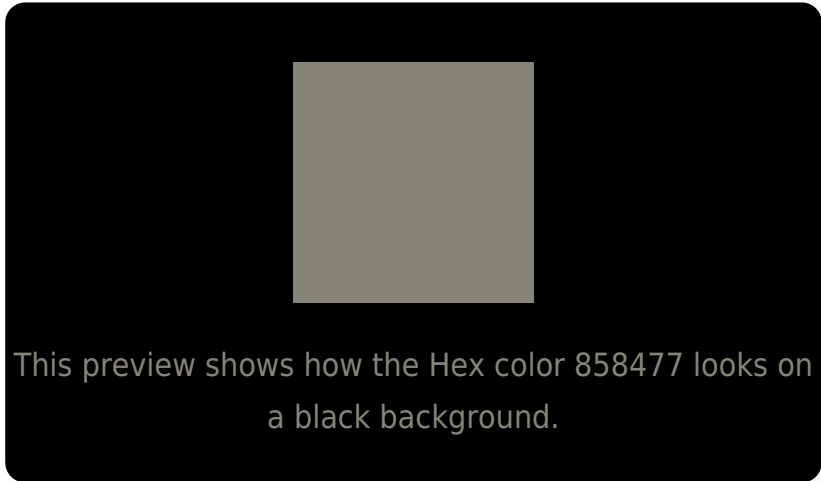
Large Text (above 18pt) WCAG AA ✓ Pass

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

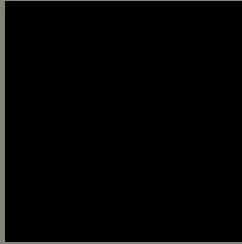
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 858477 Background



This preview shows how black text looks on a background with the Hex color 858477.



This preview shows how white text looks on a background with the Hex color 858477.

# 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**

858477

**Protanopia**

898376

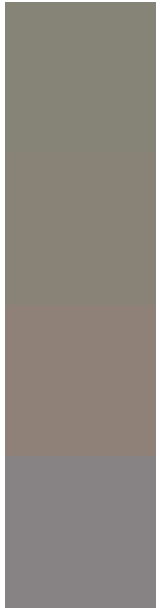
**Deuteranopia**

947F78



**Tritanopia**  
88818B

# Trichromacy



**Original Color**  
858477

**Protanomaly**  
888376

**Deuteranomaly**  
8F8178

**Tritanomaly**  
878284

# Monochromacy



**Original Color**  
858477

**Achromatopsia**  
838383

**Achromatomaly**  
84837F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 858477 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 #858477 looks like.

```
.text, #text, p{  
    color:#858477  
}
```

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 #858477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #858477
}
```

## Border

The CSS property to change the border of an element to Hex 858477 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
#858477 }
```

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

```
.border{ border-color:#858477 }
```

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

Here you see how a box with a 4 pixel #858477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #858477; -webkit-box-shadow:4px 4px  
4px 4px #858477; box-shadow:4px 4px 4px  
4px #858477 }
```

# Background

The CSS property to change the background color of an element to Hex 858477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#858477 }
```

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

```
.background{ background-color:#858477 }
```

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