

# Converting Colors

Hex(858353)

Have a look what the booklet for  
Hex(858353) contains.

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**Color**

**Hex(858353)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	858353
RGB	133, 131, 83
RGB Percent	52%, 51%, 33%
CMY	0.4784, 0.4863, 0.6745
CMYK	0.00, 0.02, 0.38, 0.48
HSL	58°, 23%, 42%
HSV	58°, 38%, 52%
XYZ	19.3505, 21.8437, 11.3800
YIQ	126.1260, 16.6000, -14.5040

# Conversions

## Conversions Part 2

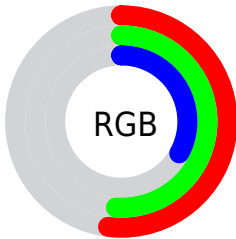
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 133, 83
Decimal	8749907
CIELab	53.86, -6.98, 26.24
CIElCh	54, 27.154, 104.903
Yxy	21.8437, 0.3681, 0.4155
Android (android.graphics.Color)	4286939987 (0xFF858353)
YUV	126.1260, -21.2611, 6.0285
Hunter-Lab	46.7372, -7.8862, 18.2796

# Details

The Hex color **858353** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **535585**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **BBB885**, and **525225** is the 20% darker color. If you saturate the color by 10%, you get **858246**, and if you desaturate by 10%, it is **858460**.

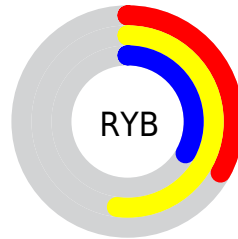
# Distribution



Red (52%)

Green (51%)

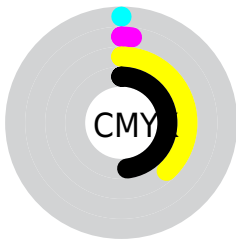
Blue (33%)



Red (33%)

Yellow (52%)

Blue (33%)

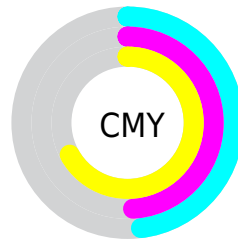


Cyan (0%)

Magenta (2%)

Yellow (38%)

Black (48%)



Cyan (48%)

Magenta (49%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 858353 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 858353 by changing the saturation by 10% instead.



 858353

 858353

FFFFFF

 6B6A3B

 BBB885

 525225


 D7D49F

 3A3B0F

 F4F0BB

 252500

 FFFFD6

 041100

 FFFFF3

 000000

 858353

 858353

 858246

 858460

 858238

 85846E

 85812B

 85857B

 85811E

 858588

 858011

 858696

 858003

 8586A3

 858000

 8587B0

 8587BD

 8588CB

# Harmonies

## Analogous

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



9B7B54



858353



6B895F

# Triad

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



858353



328BA1



A7708E

# Complementary

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



858353



535585

# 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.



9277A2



858353



4E86AD

# Square

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



858353



358D8C



737FAE



AF6F76

# Rectangle

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



858353



588C6C



737FAE



A27295



# Sweetspot

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



858353



ADAD9A



855356



57564B



D6D6D6



575757



# Same Dimension

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



858353



ADAA5F



6F8553



42423C



827D00



030200



# Inverse Universe

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



535585



5F62AD



6A5385



3C3C42



000582



000003



# Previews

## White Background



This preview shows how the Hex color 858353 looks on a white background.

## Color Contrast Check

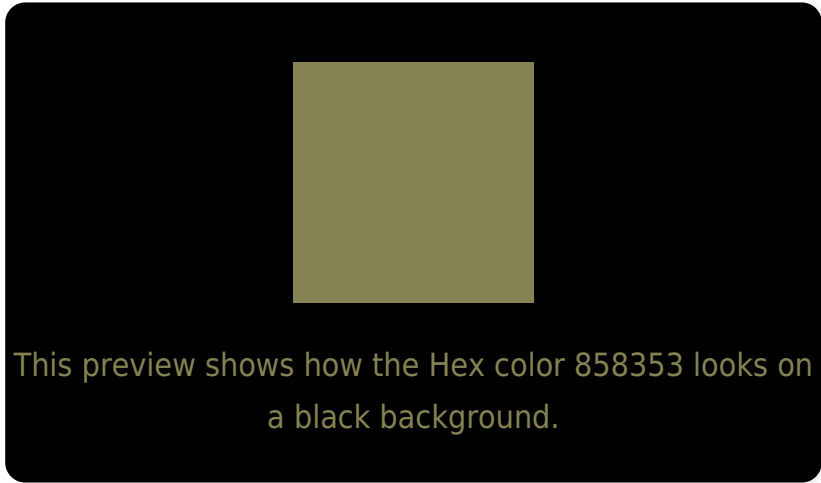
Large Text (above 18pt) WCAG AA ✓ Pass

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

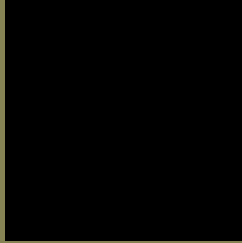
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 858353 Background



This preview shows how black text looks on a background with the Hex color 858353.



This preview shows how white text looks on a background with the Hex color 858353.

# 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**  
858353

**Protanopia**  
8C8152

**Deuteranopia**  
9B7B55



**Tritanopia**  
8B7D86

# Trichromacy



**Original Color**  
858353

**Protanomaly**  
898252

**Deuteranomaly**  
937E54

**Tritanomaly**  
897F73

# Monochromacy



**Original Color**  
858353

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
81806E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 858353 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 #858353 looks like.

```
.text, #text, p{  
    color:#858353  
}
```

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 #858353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #858353
}
```

## Border

The CSS property to change the border of an element to Hex 858353 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
#858353 }
```

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

```
.border{ border-color:#858353 }
```

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

Here you see how a box with a 4 pixel #858353 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #858353; -webkit-box-shadow:4px 4px  
4px 4px #858353; box-shadow:4px 4px 4px  
4px #858353 }
```

# Background

The CSS property to change the background color of an element to Hex 858353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#858353 }
```

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

```
.background{ background-color:#858353 }
```

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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