

# Converting Colors

Hex(838355)

Have a look what the booklet for  
Hex(838355) contains.

<b>Hex(838355)</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(838355)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	838355
RGB	131, 131, 85
RGB Percent	51%, 51%, 33%
CMY	0.4863, 0.4863, 0.6667
CMYK	0.00, 0.00, 0.35, 0.49
HSL	60°, 21%, 42%
HSV	60°, 35%, 51%
XYZ	19.1161, 21.7138, 11.7780
YIQ	125.7560, 14.7660, -14.3060

# Conversions

## Conversions Part 2

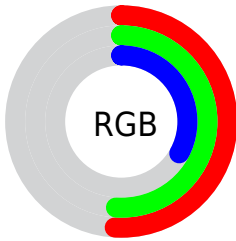
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 131, 85
Decimal	8618837
CIELab	53.72, -7.58, 24.92
CIElCh	54, 26.043, 106.917
Yxy	21.7138, 0.3634, 0.4127
Android (android.graphics.Color)	4286808917 (0xFF838355)
YUV	125.7560, -20.0927, 4.5990
Hunter-Lab	46.5980, -8.3199, 17.6327

# Details

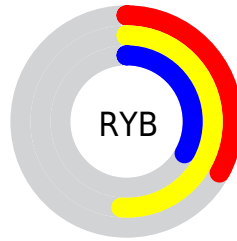
The Hex color **838355** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **555583**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B9B887**, and **515227** is the 20% darker color. If you saturate the color by 10%, you get **838348**, and if you desaturate by 10%, it is **838362**.

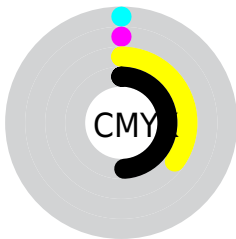
# Distribution



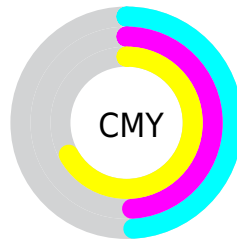
- Red (51%)
- Green (51%)
- Blue (33%)



- Red (33%)
- Yellow (51%)
- Blue (33%)



- Cyan (0%)
- Magenta (0%)
- Yellow (35%)
- Black (49%)



- Cyan (49%)
- Magenta (49%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 838355 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 838355 by changing the saturation by 10% instead.





838355



838355

FFFFFF



696A3D



B9B887



515227



D5D4A2



393B11



F1F0BD



242500



FFFFD9



011100



FFFFF5



000000



838355



838355



838348



838362



83833B



83836F

 83832E

 83837C

 838321

 838389

 838313

 838397

 838306

 8383A4

 838300

 8383B1

 8383BE

 8383CB

# Harmonies

## Analogous

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



997C55



838355



6A8961

# Triad

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



838355



388AA0



A6718B

# Complementary

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



838355



555583

# 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.



93769F



838355



5385AC

# Square

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



838355



398D8D



757EAB



AD7074

# Rectangle

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



838355



588B6E



757EAB



A17292



# Sweetspot

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



838355



ABAB98



835555



57574B



D6D6D6



575757



# Same Dimension

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



838355



ABAB63



6C8355



42423C



828200



030300



# Inverse Universe

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



555583



6363AB



6C5583



3C3C42



000082



000003



# Previews

## White Background



This preview shows how the Hex color 838355 looks on a white background.

## Color Contrast Check

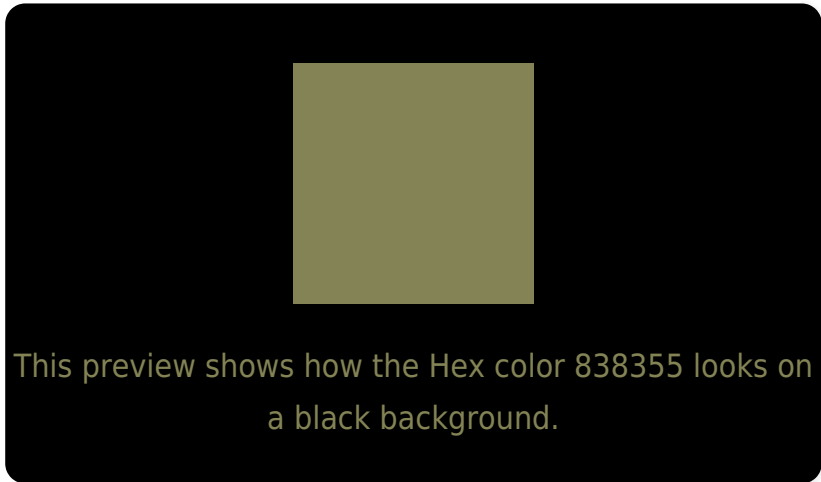
Large Text (above 18pt) WCAG AA ✓ Pass

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

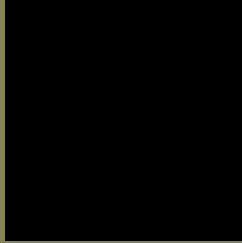
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

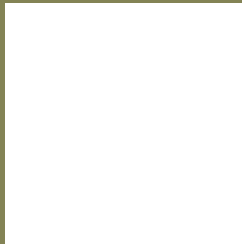
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 838355 Background



This preview shows how black text looks on a background with the Hex color 838355.



This preview shows how white text looks on a background with the Hex color 838355.

# 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**  
838355

**Protanopia**  
8B8054

**Deuteranopia**  
9A7B57



**Tritanopia**  
897D87

# Trichromacy



**Original Color**  
838355

**Protanomaly**  
888154

**Deuteranomaly**  
927E56

**Tritanomaly**  
877F75

# Monochromacy



**Original Color**  
838355

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
80806F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 838355 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 #838355 looks like.

```
.text, #text, p{  
    color:#838355  
}
```

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 #838355 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838355
}
```

## Border

The CSS property to change the border of an element to Hex 838355 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
#838355 }
```

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

```
.border{ border-color:#838355 }
```

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

Here you see how a box with a 4 pixel #838355 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838355; -webkit-box-shadow:4px 4px  
4px 4px #838355; box-shadow:4px 4px 4px  
4px #838355 }
```

# Background

The CSS property to change the background color of an element to Hex 838355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838355 }
```

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

```
.background{ background-color:#838355 }
```

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