

# Converting Colors

Hex(838433)

Have a look what the booklet for  
Hex(838433) contains.

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**Color**

**Hex(838433)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	838433
RGB	131, 132, 51
RGB Percent	51%, 52%, 20%
CMY	0.4863, 0.4824, 0.8000
CMYK	0.01, 0.00, 0.61, 0.48
HSL	61°, 44%, 36%
HSV	61°, 61%, 52%
XYZ	18.2089, 21.5668, 6.3351
YIQ	122.4670, 25.4050, -25.4030

# Conversions

## Conversions Part 2

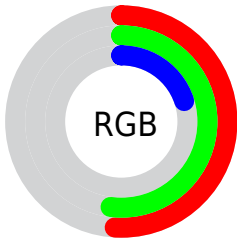
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	51, 132, 52
Decimal	8619059
CIE <sub>Lab</sub>	53.56, -11.61, 42.44
CIE <sub>LCh</sub>	54, 43.999, 105.297
Yxy	21.5668, 0.3949, 0.4677
Android (android.graphics.Color)	4286809139 (0xFF838433)
YUV	122.4670, -35.2332, 7.4834
Hunter-Lab	46.4401, -11.2815, 24.4201

# Details

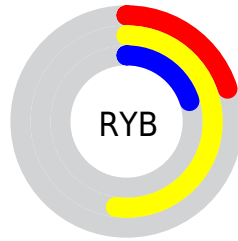
The Hex color **838433** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **343384**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **BAB965**, and **4F5300** is the 20% darker color. If you saturate the color by 10%, you get **838426**, and if you desaturate by 10%, it is **838440**.

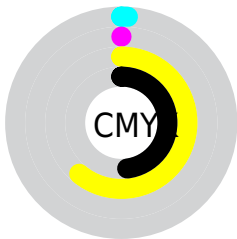
# Distribution



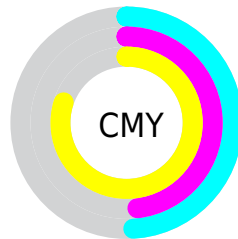
- Red (51%)
- Green (52%)
- Blue (20%)



- Red (20%)
- Yellow (52%)
- Blue (20%)



- Cyan (1%)
- Magenta (0%)
- Yellow (61%)
- Black (48%)



- Cyan (49%)
- Magenta (48%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 838433 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 838433 by changing the saturation by 10% instead.



 838433

 838433

FFFFFF

 696B1A

 BAB965

 4F5300

 D6D57F

 373C00

 F3F19A

 1E2600

 FFFFB5

 001300

 FFFFD1

 000000

 FFFFEE

 838433

 838433

 838426

 838440

 838419

 83844D

 83840B

 83845B

 828400

 848468

 848475

 848482

 84848F

 84849D

 8484AA

# Harmonies

## Analogous

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



A57735



838433



588D48

# Triad

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



838433



0090B5



BC6294

# Complementary

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



838433



343384

# 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.



9B6EB6



838433



0089C9

# Square

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



838433



009393



627DC9



C7606E

# Rectangle

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



838433



30915F



627DC9



B465A0



# Sweetspot

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



838433



AAAB8C



843333



565744



D6D6D6



575757



# Same Dimension

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



838433



A9AB2C



5C8433



42423C



808200



030300



# Inverse Universe

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



343384



2E2CAB



5C3384



3C3C42



020082



000003



# Previews

## White Background



This preview shows how the Hex color 838433 looks on a white background.

## Color Contrast Check

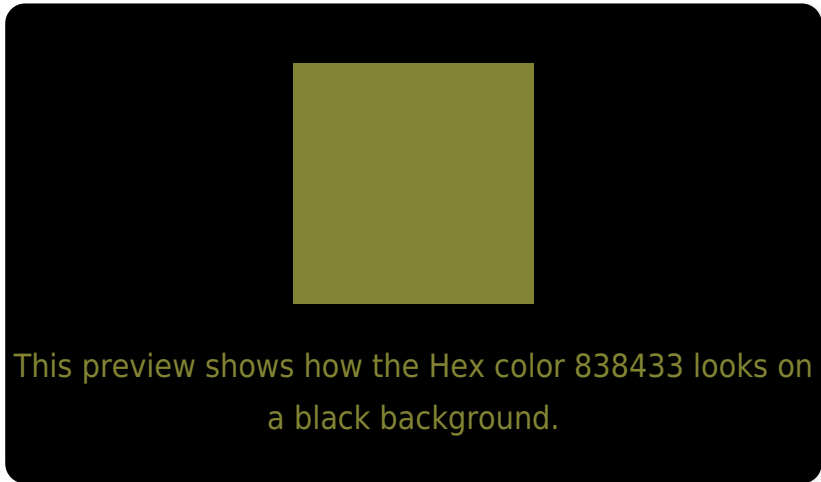
Large Text (above 18pt) WCAG AA ✓ Pass

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 838433 Background



This preview shows how black text looks on a background with the Hex color 838433.



This preview shows how white text looks on a background with the Hex color 838433.

# 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**  
838433

**Protanopia**  
8F8032

**Deuteranopia**  
9F7A36



**Tritanopia**  
8B7C85

# Trichromacy



**Original Color**  
838433

**Protanomaly**  
8B8132

**Deuteranomaly**  
957E35

**Tritanomaly**  
887F67

# Monochromacy



**Original Color**  
838433

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
7D7E60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 838433 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 #838433 looks like.

```
.text, #text, p{  
    color:#838433  
}
```

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 #838433 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838433  
}
```

## Border

The CSS property to change the border of an element to Hex 838433 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  
#838433 }
```

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

```
.border{ border-color:#838433 }
```

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

Here you see how a box with a 4 pixel #838433 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838433; -webkit-box-shadow:4px 4px  
4px 4px #838433; box-shadow:4px 4px 4px  
4px #838433 }
```

# Background

The CSS property to change the background color of an element to Hex 838433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838433 }
```

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

```
.background{ background-color:#838433 }
```

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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