

# Converting Colors

Hex(838248)

Have a look what the booklet for  
Hex(838248) contains.

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**Color**

**Hex(838248)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	838248
RGB	131, 130, 72
RGB Percent	51%, 51%, 28%
CMY	0.4863, 0.4902, 0.7176
CMYK	0.00, 0.01, 0.45, 0.49
HSL	59°, 29%, 40%
HSV	59°, 45%, 51%
XYZ	18.5124, 21.2584, 9.2585
YIQ	123.6870, 19.2140, -17.8260

# Conversions

## Conversions Part 2

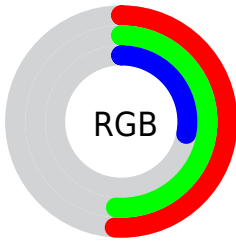
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 131, 72
Decimal	8618568
CIE <sub>Lab</sub>	53.23, -8.58, 31.42
CIE <sub>LCh</sub>	53, 32.567, 105.274
Yxy	21.2584, 0.3776, 0.4336
Android (android.graphics.Color)	4286808648 (0xFF838248)
YUV	123.6870, -25.4817, 6.4135
Hunter-Lab	46.1069, -9.0174, 20.3691

# Details

The Hex color **838248** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **484983**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B9B77A**, and **505119** is the 20% darker color. If you saturate the color by 10%, you get **83823B**, and if you desaturate by 10%, it is **838255**.

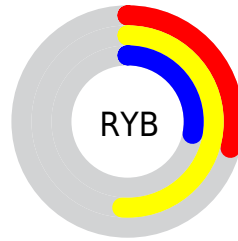
# Distribution



Red (51%)

Green (51%)

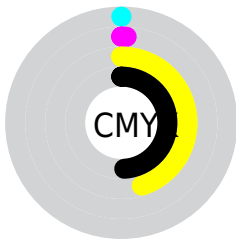
Blue (28%)



Red (29%)

Yellow (51%)

Blue (28%)

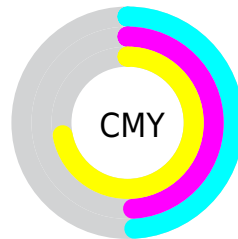


Cyan (0%)

Magenta (1%)

Yellow (45%)

Black (49%)



Cyan (49%)

Magenta (49%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 838248 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 838248 by changing the saturation by 10% instead.



 838248

 838248

FFFFFF

 696930

 B9B77A

 505119

 D5D294

 383A01

 F2EFAF

 212500

 FFFFC A

 001100

 FFFF E7

 000000

 838248

 838248


 83823B

 838255

 83822E

 838262

 838121

 83836F

 838114

 83837C

 838107

 83838A

 838100

 838397

 8384A4

 8384B1

 8384BE

# Harmonies

## Analogous

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



9D7949



838248



648957

# Triad

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



838248



008CA6



AD6B8E

# Complementary

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



838248



484983

# 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.



9473A7



838248



3A86B5

# Square

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



838248



008E8D



6D7DB5



B66972

# Rectangle

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



838248



4C8C67



6D7DB5



A66D97



# Sweetspot

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



838248



ABAA93



83484A



575648



D6D6D6



575757



# Same Dimension

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



838248



ABA94F



678348



42423C



828000



030300



# Inverse Universe

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



484983



4F50AB



644883



3C3C42



000282



000003



# Previews

## White Background



This preview shows how the Hex color 838248 looks on a white background.

## Color Contrast Check

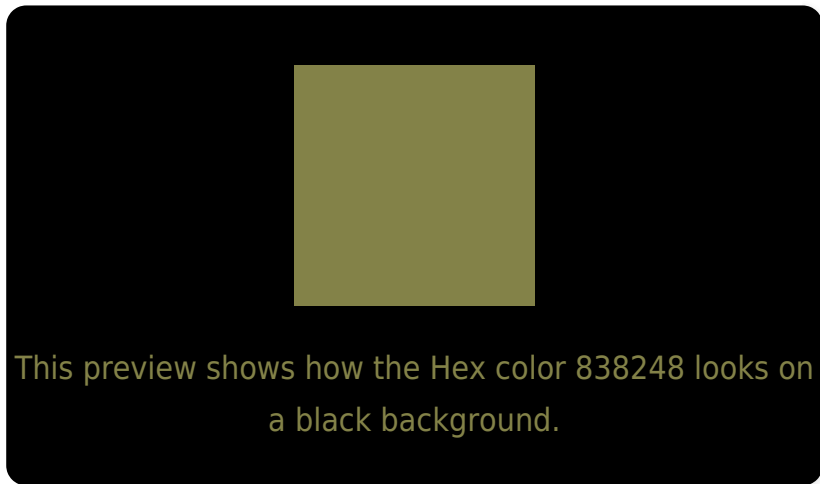
Large Text (above 18pt) WCAG AA ✓ Pass

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

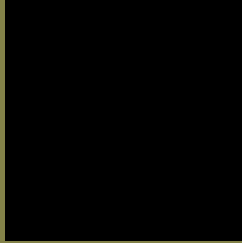
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 838248 Background



This preview shows how black text looks on a background with the Hex color 838248.



This preview shows how white text looks on a background with the Hex color 838248.

# 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**  
838248

**Protanopia**  
8C7F47

**Deuteranopia**  
9B794A



**Tritanopia**  
8A7B85

# Trichromacy



**Original Color**  
838248

**Protanomaly**  
898047

**Deuteranomaly**  
927C49

**Tritanomaly**  
877E6F

# Monochromacy



**Original Color**  
838248

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
7F7E69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 838248 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 #838248 looks like.

```
.text, #text, p{  
    color:#838248  
}
```

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 #838248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838248
}
```

## Border

The CSS property to change the border of an element to Hex 838248 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
#838248 }
```

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

```
.border{ border-color:#838248 }
```

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

Here you see how a box with a 4 pixel #838248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838248; -webkit-box-shadow:4px 4px  
4px 4px #838248; box-shadow:4px 4px 4px  
4px #838248 }
```

# Background

The CSS property to change the background color of an element to Hex 838248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838248 }
```

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

```
.background{ background-color:#838248 }
```

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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