

# Converting Colors

Hex(838254)

Have a look what the booklet for  
Hex(838254) contains.

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**Color**

**Hex(838254)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	838254
RGB	131, 130, 84
RGB Percent	51%, 51%, 33%
CMY	0.4863, 0.4902, 0.6706
CMYK	0.00, 0.01, 0.36, 0.49
HSL	59°, 22%, 42%
HSV	59°, 36%, 51%
XYZ	18.9429, 21.4307, 11.5256
YIQ	125.0550, 15.3620, -14.0940

# Conversions

## Conversions Part 2

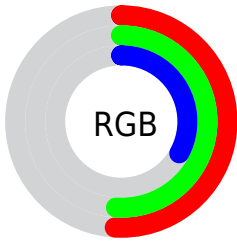
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 131, 84
Decimal	8618580
CIELab	53.42, -7.15, 25.08
CIElCh	53, 26.077, 105.921
Yxy	21.4307, 0.3650, 0.4129
Android (android.graphics.Color)	4286808660 (0xFF838254)
YUV	125.0550, -20.2401, 5.2138
Hunter-Lab	46.2933, -7.9720, 17.6438

# Details

The Hex color **838254** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **545583**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B9B786**, and **515126** is the 20% darker color. If you saturate the color by 10%, you get **838247**, and if you desaturate by 10%, it is **838261**.

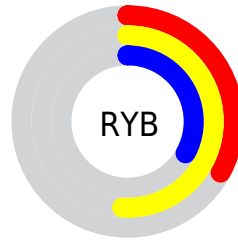
# Distribution



Red (51%)

Green (51%)

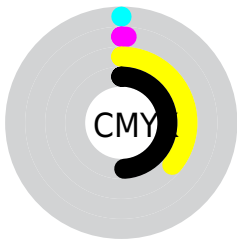
Blue (33%)



Red (33%)

Yellow (51%)

Blue (33%)

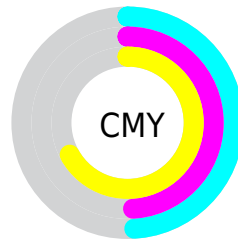


Cyan (0%)

Magenta (1%)

Yellow (36%)

Black (49%)



Cyan (49%)

Magenta (49%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 838254 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 838254 by changing the saturation by 10% instead.





838254



838254

FFFFFF



69693C



B9B786



515126



D5D2A1



393A10



F1EFBC



232400



FFFFD8



011000



FFFFF4



000000



838254



838254



838247



838261



83813A



83836E

 83812D

 83837B

 838120

 838388

 838113

 838396

 838005

 8384A3

 838000

 8384B0

 8384BD

 8385CA

# Harmonies

## Analogous

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



997B54



838254



6A8860

# Triad

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



838254



378A9F



A5708B

# Complementary

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



838254



545583

# 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.



91769F



838254



5185AB

# Square

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



838254



388C8B



747EAB



AC6F74

# Rectangle

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



838254



588A6D



747EAB



A07192



# Sweetspot

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



838254



ABAA98



835456



57564B



D6D6D6



575757



# Same Dimension

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



838254



ABA961



6D8354



42423C



827F00



030200



# Inverse Universe

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



545583



6163AB



6A5483



3C3C42



000382



000003



# Previews

## White Background



This preview shows how the Hex color 838254 looks on a white background.

## Color Contrast Check

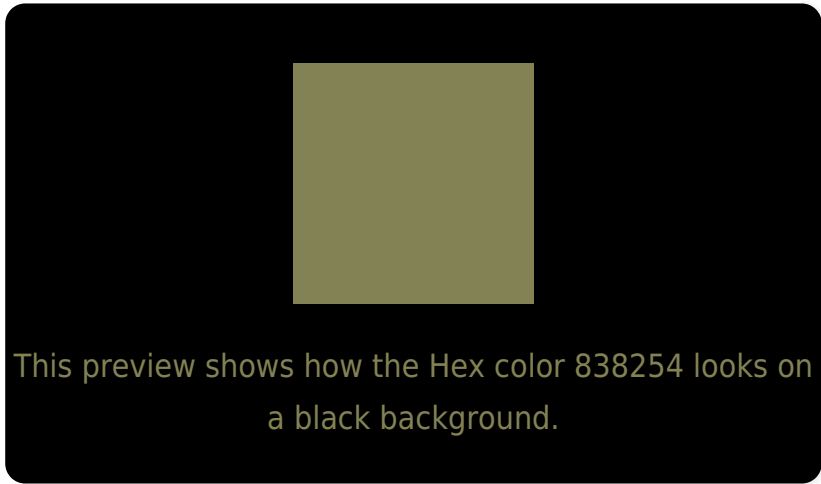
Large Text (above 18pt) WCAG AA ✓ Pass

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

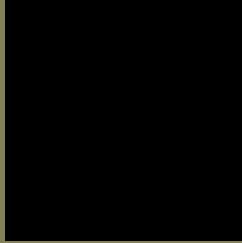
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 838254 Background



This preview shows how black text looks on a background with the Hex color 838254.



This preview shows how white text looks on a background with the Hex color 838254.

# 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**


838254

**Protanopia**

8B8053

**Deuteranopia**

997A56



**Tritanopia**  
897C86

# Trichromacy



**Original Color**  
838254

**Protanomaly**  
888153

**Deuteranomaly**  
917D55

**Tritanomaly**  
877E74

# Monochromacy



**Original Color**  
838254

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
7F7F6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 838254 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 #838254 looks like.

```
.text, #text, p{  
    color:#838254  
}
```

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 #838254 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838254
}
```

## Border

The CSS property to change the border of an element to Hex 838254 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
#838254 }
```

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

```
.border{ border-color:#838254 }
```

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

Here you see how a box with a 4 pixel #838254 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838254; -webkit-box-shadow:4px 4px  
4px 4px #838254; box-shadow:4px 4px 4px  
4px #838254 }
```

# Background

The CSS property to change the background color of an element to Hex 838254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838254 }
```

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

```
.background{ background-color:#838254 }
```

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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