

Converting Colors

Hex(838944)

Have a look what the booklet for
Hex(838944) contains.

Hex(838944)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(838944)

Conversions

Conversions Part 1

Format	Color
Hex	838944
RGB	131, 137, 68
RGB Percent	51%, 54%, 27%
CMY	0.4863, 0.4627, 0.7333
CMYK	0.04, 0.00, 0.50, 0.46
HSL	65°, 34%, 40%
HSV	65°, 50%, 54%
XYZ	19.3491, 23.1340, 8.9143
YIQ	127.3400, 18.5730, -22.7310

Conversions

Conversions Part 2

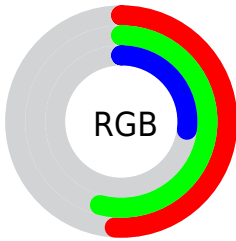
Format	Color
RYB	68, 137, 74
Decimal	8620356
CIELab	55.21, -12.81, 35.93
CIELCh	55, 38.146, 109.617
Yxy	23.1340, 0.3765, 0.4501
Android (android.graphics.Color)	4286810436 (0xFF838944)
YUV	127.3400, -29.2546, 3.2098
Hunter-Lab	48.0978, -12.3629, 22.6798

Details

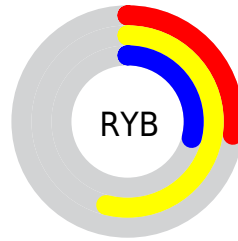
The Hex color **838944** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **4A4489**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B9BE76**, and **505714** is the 20% darker color. If you saturate the color by 10%, you get **828936**, and if you desaturate by 10%, it is **848952**.

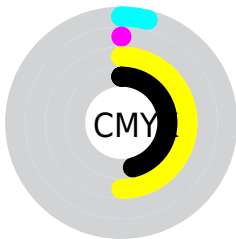
Distribution



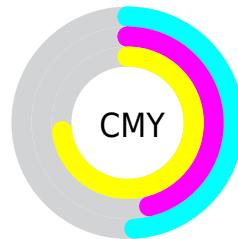
- Red (51%)
- Green (54%)
- Blue (27%)



- Red (27%)
- Yellow (54%)
- Blue (29%)



- Cyan (4%)
- Magenta (0%)
- Yellow (50%)
- Black (46%)



- Cyan (49%)
- Magenta (46%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 838944 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 838944 by changing the saturation by 10% instead.



838944



838944

FFFFFF



69702C



B9BE76



505714



D6DA90



374000



F2F7AB



202A00



FFFFC7



001700



FFFFE3



000000



838944



838944



828936



848952



818929



85895F

■ 7F891B

■ 87896D

■ 7E890D

■ 88897B

■ 7D8900

■ 898989

■ 8A8996

■ 8B89A4

■ 8D89B2

■ 8E89BF

Harmonies

Analogous

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



A37E42



838944



5D9158

Triad

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



838944



0092B6



BC6A91

Complementary

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



838944



4A4489

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.



A273AF



838944



318BC5

Square

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



838944



009599



7580C2



C36A70

Rectangle

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



838944



3D946C



7580C2



B66D9C

Sweetspot

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



838944



B0B398



894A44



585949



D9D9D9



595959

Same Dimension

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



838944



A9B347



618944



44453E



798500



050500

Inverse Universe

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



4A4489



5147B3



6C4489



3F3E45



0C0085



000005

Previews

White Background



This preview shows how the Hex color 838944 looks on a white background.

Color Contrast Check

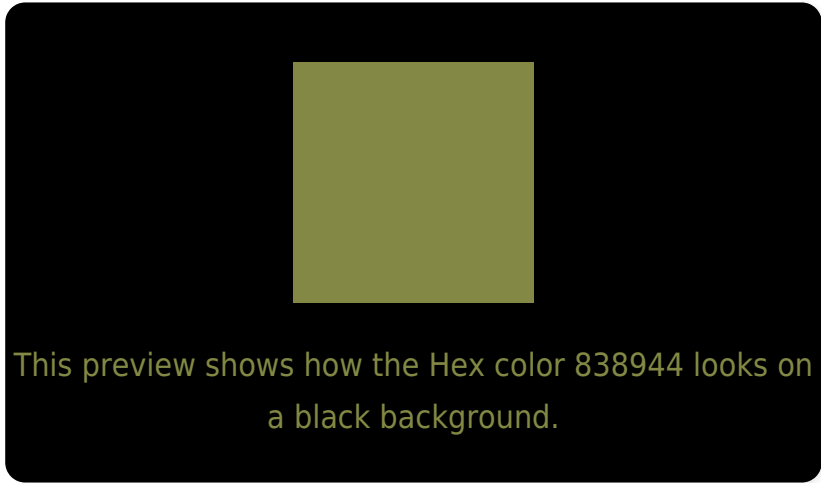
Large Text (above 18pt) WCAG AA ✓ Pass

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

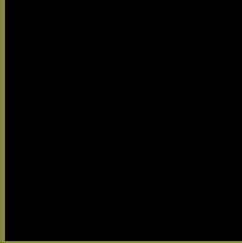
Any Text WCAG AA ✓ Pass

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 838944 Background



This preview shows how black text looks on a background with the Hex color 838944.



This preview shows how white text looks on a background with the Hex color 838944.

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
838944

Protanopia
928442

Deuteranopia
A27E47

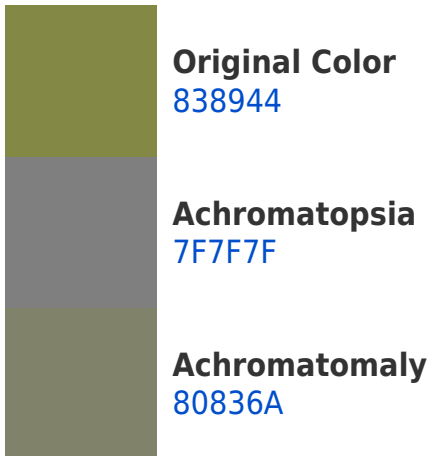


Tritanopia
8B818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 838944 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 #838944 looks like.

```
.text, #text, p{  
    color:#838944  
}
```

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 #838944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838944
}
```

Border

The CSS property to change the border of an element to Hex 838944 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
#838944 }
```

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

```
.border{ border-color:#838944 }
```

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

Here you see how a box with a 4 pixel #838944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838944; -webkit-box-shadow:4px 4px  
4px 4px #838944; box-shadow:4px 4px 4px  
4px #838944 }
```

Background

The CSS property to change the background color of an element to Hex 838944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838944 }
```

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

```
.background{ background-color:#838944 }
```

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