

Converting Colors

Hex(838736)

Have a look what the booklet for
Hex(838736) contains.

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Color

Hex(838736)

Conversions

Conversions Part 1

Format	Color
Hex	838736
RGB	131, 135, 54
RGB Percent	51%, 53%, 21%
CMY	0.4863, 0.4706, 0.7882
CMYK	0.03, 0.00, 0.60, 0.47
HSL	63°, 43%, 37%
HSV	63°, 60%, 53%
XYZ	18.6899, 22.4196, 6.8324
YIQ	124.5700, 23.6170, -26.0390

Conversions

Conversions Part 2

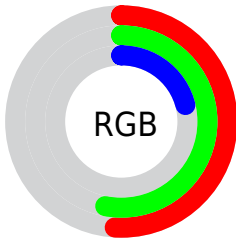
Format	Color
RYB	54, 135, 58
Decimal	8619830
CIELab	54.47, -12.99, 42.02
CIELCh	54, 43.986, 107.181
Yxy	22.4196, 0.3898, 0.4676
Android (android.graphics.Color)	4286809910 (0xFF838736)
YUV	124.5700, -34.7910, 5.6391
Hunter-Lab	47.3493, -12.4031, 24.5891

Details

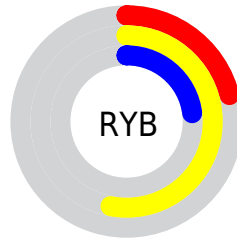
The Hex color **838736** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3A3687**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **BABC68**, and **4F5600** is the 20% darker color. If you saturate the color by 10%, you get **828729**, and if you desaturate by 10%, it is **848744**.

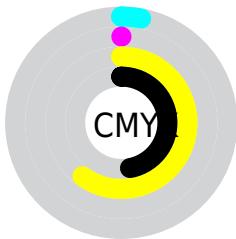
Distribution



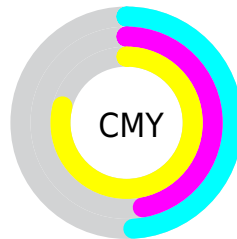
- Red (51%)
- Green (53%)
- Blue (21%)



- Red (21%)
- Yellow (53%)
- Blue (23%)



- Cyan (3%)
- Magenta (0%)
- Yellow (60%)
- Black (47%)



- Cyan (49%)
- Magenta (47%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 838736 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 838736 by changing the saturation by 10% instead.



838736



838736

FFFFFF



696E1D



BABC68



4F5600



D6D882



373E00



F3F49D



1E2900



FFFFB8



001600



FFFFD4



000000



FFFFF1



838736



838736



828729



848744

■ 82871B

■ 848751

■ 81870D

■ 85875E

■ 808700

■ 86876C

■ 86877A

■ 878787

■ 888795

■ 8887A2

■ 8987B0

Harmonies

Analogous

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



A67A36



838736



57904D

Triad

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



838736



0093B9



C06494

Complementary

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



838736



3A3687

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.



A170B6



838736



008BCC

Square

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



838736



009598



697FCB



C9626E

Rectangle

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



838736



2E9363



697FCB



B867A1

Sweetspot

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



838736



AEB090



873936



585946



D9D9D9



595959

Same Dimension

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



838736



AAB031



5C8736



42423C



7C8200



020300

Inverse Universe

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



3A3687



3831B0



613687



3C3C42



060082



000003

Previews

White Background



This preview shows how the Hex color 838736 looks on a white background.

Color Contrast Check

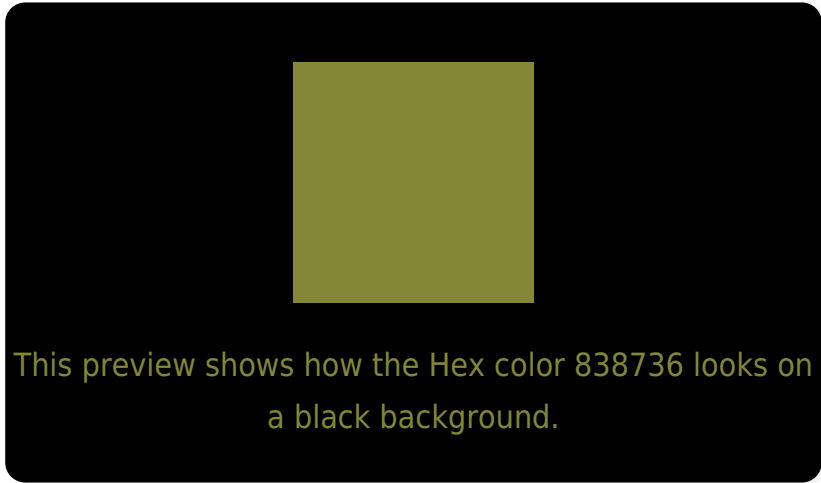
Large Text (above 18pt) WCAG AA ✓ Pass

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

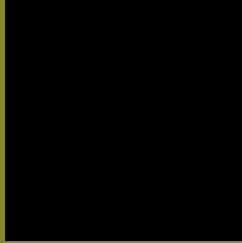
Any Text WCAG AA ✓ Pass

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 838736 Background



This preview shows how black text looks on a background with the Hex color 838736.



This preview shows how white text looks on a background with the Hex color 838736.

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
838736

Protanopia
918235

Deuteranopia
A17C39



Tritanopia
8B7F89

Trichromacy



Original Color
838736

Protanomaly
8C8435

Deuteranomaly
968038

Tritanomaly
88826B

Monochromacy



Original Color
838736

Achromatopsia
7D7D7D

Achromatomaly
7F8163

CSS Examples

Text

The CSS property to change the color of the text to Hex 838736 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 #838736 looks like.

```
.text, #text, p{  
    color:#838736  
}
```

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 #838736 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838736
}
```

Border

The CSS property to change the border of an element to Hex 838736 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
#838736 }
```

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

```
.border{ border-color:#838736 }
```

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

Here you see how a box with a 4 pixel #838736 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838736; -webkit-box-shadow:4px 4px  
4px 4px #838736; box-shadow:4px 4px 4px  
4px #838736 }
```

Background

The CSS property to change the background color of an element to Hex 838736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838736 }
```

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

```
.background{ background-color:#838736 }
```

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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