

Converting Colors

Hex(838438)

Have a look what the booklet for
Hex(838438) contains.

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Color

Hex(838438)

Conversions

Conversions Part 1

Format	Color
Hex	838438
RGB	131, 132, 56
RGB Percent	51%, 52%, 22%
CMY	0.4863, 0.4824, 0.7804
CMYK	0.01, 0.00, 0.58, 0.48
HSL	61°, 40%, 37%
HSV	61°, 58%, 52%
XYZ	18.3251, 21.6133, 6.9473
YIQ	123.0370, 23.8000, -23.8480

Conversions

Conversions Part 2

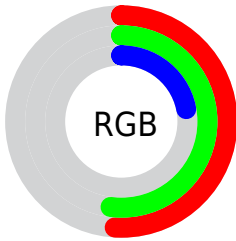
Format	Color
RYB	56, 132, 57
Decimal	8619064
CIELab	53.61, -11.21, 40.11
CIELCh	54, 41.643, 105.618
Yxy	21.6133, 0.3908, 0.4610
Android (android.graphics.Color)	4286809144 (0xFF838438)
YUV	123.0370, -33.0492, 6.9836
Hunter-Lab	46.4902, -10.9980, 23.6830

Details

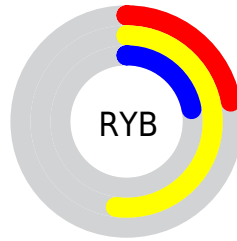
The Hex color **838438** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **393884**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **BAB96A**, and **4F5303** is the 20% darker color. If you saturate the color by 10%, you get **83842B**, and if you desaturate by 10%, it is **838445**.

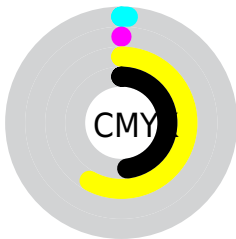
Distribution



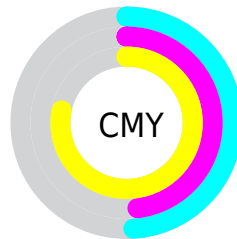
- Red (51%)
- Green (52%)
- Blue (22%)



- Red (22%)
- Yellow (52%)
- Blue (22%)



- Cyan (1%)
- Magenta (0%)
- Yellow (58%)
- Black (48%)



- Cyan (49%)
- Magenta (48%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 838438 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 838438 by changing the saturation by 10% instead.

 838438

 838438

FFFFFF

 696B1F

 BAB96A

 4F5303

 D6D584

 373C00

 F3F19E

 1E2600

 FFFFBA

 001300

 FFFFD6

 000000

 FFFFF3

 838438

 838438

 83842B

 838445

 83841E

 838452

 828410

 848460

 828403

 84846D

 828400

 84847A

 848487

 848494

 8484A2

 8584AF

Harmonies

Analogous

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



A47839



838438



5A8C4C

Triad

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



838438



0090B2



BA6493

Complementary

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



838438



393884

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.



9B6FB3



838438



0089C5

Square

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



838438



009292



667DC5



C4626F

Rectangle

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



838438



379061



667DC5



B2679E

Sweetspot

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



838438



AAAB8E



843838



565745



D6D6D6



575757

Same Dimension

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



838438



A9AB35



5E8438



42423C



808200



030300

Inverse Universe

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



393884



3735AB



5E3884



3C3C42



020082



000003

Previews

White Background



This preview shows how the Hex color 838438 looks on a white background.

Color Contrast Check

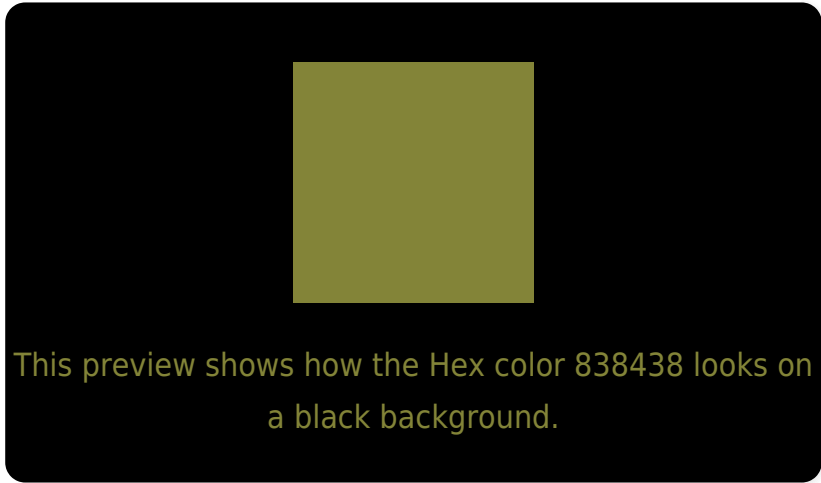
Large Text (above 18pt) WCAG AA ✓ Pass

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

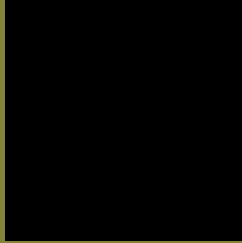
Any Text WCAG AA ✓ Pass

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 838438 Background



This preview shows how black text looks on a background with the Hex color 838438.



This preview shows how white text looks on a background with the Hex color 838438.

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
838438

Protanopia
8E8037

Deuteranopia
9E7A3B



Tritanopia
8B7C86

Trichromacy



Original Color
838438

Protanomaly
8A8137

Deuteranomaly
947E3A

Tritanomaly
887F6A

Monochromacy



Original Color
838438

Achromatopsia
7B7B7B

Achromatomaly
7E7E63

CSS Examples

Text

The CSS property to change the color of the text to Hex 838438 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 #838438 looks like.

```
.text, #text, p{  
    color:#838438  
}
```

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 #838438 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838438
}
```

Border

The CSS property to change the border of an element to Hex 838438 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
#838438 }
```

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

```
.border{ border-color:#838438 }
```

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

Here you see how a box with a 4 pixel #838438 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838438; -webkit-box-shadow:4px 4px  
4px 4px #838438; box-shadow:4px 4px 4px  
4px #838438 }
```

Background

The CSS property to change the background color of an element to Hex 838438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838438 }
```

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

```
.background{ background-color:#838438 }
```

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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