

Converting Colors

Hex(838322)

Have a look what the booklet for
Hex(838322) contains.

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Color

Hex(838322)

Conversions

Conversions Part 1

Format	Color
Hex	838322
RGB	131, 131, 34
RGB Percent	51%, 51%, 13%
CMY	0.4863, 0.4863, 0.8667
CMYK	0.00, 0.00, 0.74, 0.49
HSL	60°, 59%, 32%
HSV	60°, 74%, 51%
XYZ	17.7651, 21.1734, 4.6639
YIQ	119.9420, 31.1370, -30.1670

Conversions

Conversions Part 2

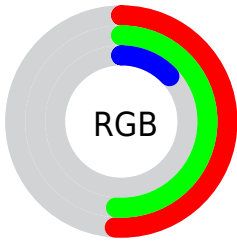
Format	Color
RYB	34, 131, 34
Decimal	8618786
CIELab	53.14, -12.13, 49.23
CIELCh	53, 50.700, 103.847
Yxy	21.1734, 0.4074, 0.4856
Android (android.graphics.Color)	4286808866 (0xFF838322)
YUV	119.9420, -42.3694, 9.6979
Hunter-Lab	46.0145, -11.6109, 26.2007

Details

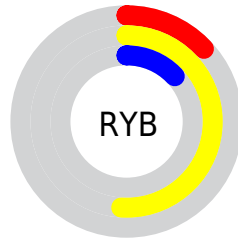
The Hex color **838322** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **222283**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **BBB856**, and **4E5200** is the 20% darker color. If you saturate the color by 10%, you get **838315**, and if you desaturate by 10%, it is **83832F**.

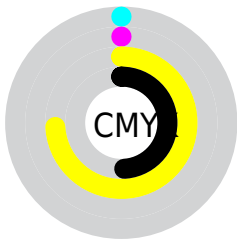
Distribution



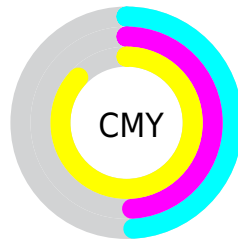
- Red (51%)
- Green (51%)
- Blue (13%)



- Red (13%)
- Yellow (51%)
- Blue (13%)



- Cyan (0%)
- Magenta (0%)
- Yellow (74%)
- Black (49%)



- Cyan (49%)
- Magenta (49%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 838322 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 838322 by changing the saturation by 10% instead.



838322



838322

FFFFFF



686A00



BBB856



4E5200



D7D370



353B00



F5F08B



1C2600



FFFFA6



001200



FFFFC2



000000



FFFFDE



FFFFFB



838322



838322

■ 838315

■ 83832F

■ 838308

■ 83833C

■ 838300

■ 838349

■ 838356

■ 838363

■ 838371

■ 83837E

■ 83838B

■ 838398

Harmonies

Analogous

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



AA7427



838322



528D3C

Triad

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



838322



0092BA



C25B98

Complementary

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



838322



222283

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.



9B6BBE



838322



008AD2

Square

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



838322



009492



527DD4



CF576C

Rectangle

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



838322



199157



527DD4



B85FA6

Sweetspot

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



838322



ABAB85



832222



575740



D6D6D6



575757

Same Dimension

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



838322



ABAB13



528322



42423C



828200



030300

Inverse Universe

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



222283



1313AB



522283



3C3C42



000082



000003

Previews

White Background



This preview shows how the Hex color 838322 looks on a white background.

Color Contrast Check

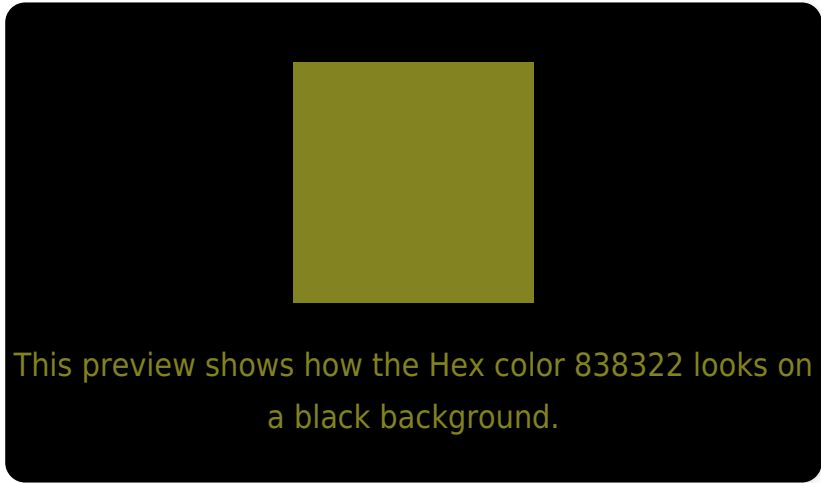
Large Text (above 18pt) WCAG AA ✓ Pass

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 838322 Background



This preview shows how black text looks on a background with the Hex color 838322.



This preview shows how white text looks on a background with the Hex color 838322.

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
838322

Protanopia
8E7F21

Deuteranopia
9F7827



Tritanopia
8B7A84

Trichromacy



Original Color
838322

Protanomaly
8A8021

Deuteranomaly
957C25

Tritanomaly
887D60

Monochromacy



Original Color
838322

Achromatopsia
787878

Achromatomaly
7C7C59

CSS Examples

Text

The CSS property to change the color of the text to Hex 838322 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 #838322 looks like.

```
.text, #text, p{  
    color:#838322  
}
```

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 #838322 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838322
}
```

Border

The CSS property to change the border of an element to Hex 838322 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
#838322 }
```

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

```
.border{ border-color:#838322 }
```

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

Here you see how a box with a 4 pixel #838322 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838322; -webkit-box-shadow:4px 4px  
4px 4px #838322; box-shadow:4px 4px 4px  
4px #838322 }
```

Background

The CSS property to change the background color of an element to Hex 838322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838322 }
```

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

```
.background{ background-color:#838322 }
```

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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