

Converting Colors

Hex(848B33)

Have a look what the booklet for
Hex(848B33) contains.

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Color

Hex(848B33)

Conversions

Conversions Part 1

Format	Color
Hex	848B33
RGB	132, 139, 51
RGB Percent	52%, 55%, 20%
CMY	0.4824, 0.4549, 0.8000
CMYK	0.05, 0.00, 0.63, 0.45
HSL	65°, 46%, 37%
HSV	65°, 63%, 55%
XYZ	19.3459, 23.6098, 6.6695
YIQ	126.8750, 24.0760, -28.8520

Conversions

Conversions Part 2

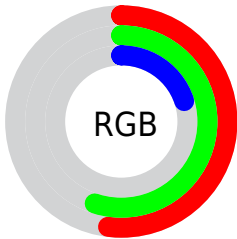
Format	Color
RYB	51, 139, 58
Decimal	8686387
CIELab	55.69, -14.91, 44.77
CIELCh	56, 47.191, 108.422
Yxy	23.6098, 0.3898, 0.4758
Android (android.graphics.Color)	4286876467 (0xFF848B33)
YUV	126.8750, -37.4064, 4.4946
Hunter-Lab	48.5899, -13.9633, 25.8748

Details

The Hex color **848B33** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3A338B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **BBC066**, and **505900** is the 20% darker color. If you saturate the color by 10%, you get **838B25**, and if you desaturate by 10%, it is **858B41**.

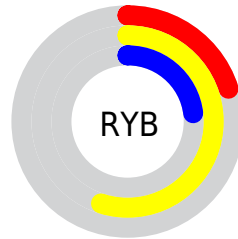
Distribution



Red (52%)

Green (55%)

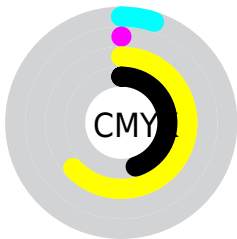
Blue (20%)



Red (20%)

Yellow (55%)

Blue (23%)

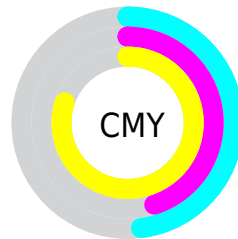


Cyan (5%)

Magenta (0%)

Yellow (63%)

Black (45%)



Cyan (48%)

Magenta (45%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 848B33 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 848B33 by changing the saturation by 10% instead.



848B33



848B33

FFFFFF



697219



BBC066



505900



D8DC80



384200



F5F99A



1E2C00



FFFFB6



001900



FFFFD2



000000



FFFFEF



848B33



848B33



838B25



858B41

■ 828B17

■ 868B4F

■ 818B09

■ 878B5D

■ 808B00

■ 888B6B

■ 8A8B79

■ 8B8B86

■ 8C8B94

■ 8D8BA2

■ 8E8BB0

Harmonies

Analogous

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



AA7E32



848B33



54944D

Triad

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



848B33



0097C2



C96397

Complementary

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



848B33



3A338B

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.



A870BC



848B33



008ED5

Square

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



848B33



009A9E



6C81D3



D2636E

Rectangle

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



848B33



219866



6C81D3



C067A4

Sweetspot

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



848B33



B2B593



8B3933



5A5C47



DBDBDB



5C5C5C

Same Dimension

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



848B33



AAB52B



598B33



44453E



7A8500



050500

Inverse Universe

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



3A338B



362BB5



65338B



3F3E45



0B0085



000005

Previews

White Background



This preview shows how the Hex color 848B33 looks on a white background.

Color Contrast Check

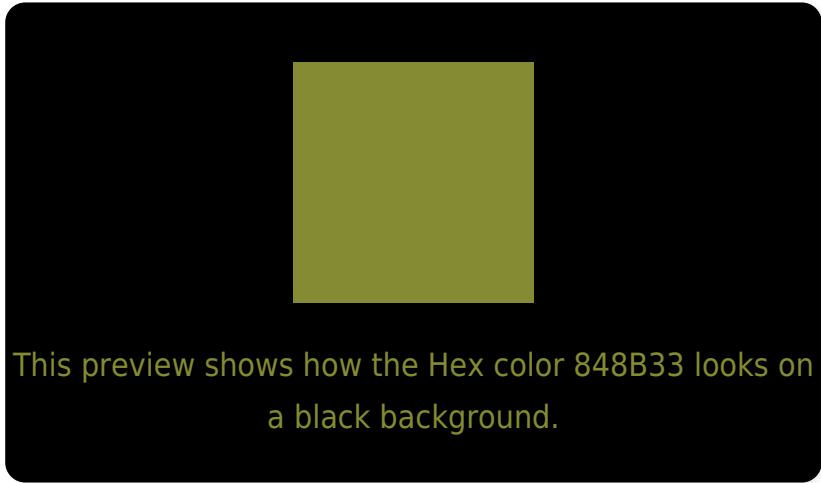
Large Text (above 18pt) WCAG AA ✓ Pass

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

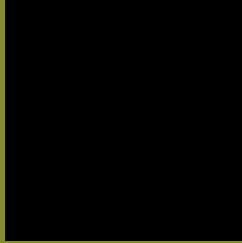
Any Text WCAG AA ✓ Pass

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 848B33 Background



This preview shows how black text looks on a background with the Hex color 848B33.



This preview shows how white text looks on a background with the Hex color 848B33.

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](#).

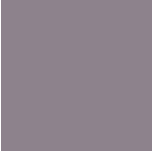
Dichromacy



Original Color
848B33

Protanopia
958631

Deuteranopia
A67F37



Tritanopia
8D828C

Trichromacy



Original Color
848B33

Protanomaly
8F8832

Deuteranomaly
9A8336

Tritanomaly
8A856C

Monochromacy



Original Color
848B33

Achromatopsia
7F7F7F

Achromatomaly
818363

CSS Examples

Text

The CSS property to change the color of the text to Hex 848B33 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 #848B33 looks like.

```
.text, #text, p{  
    color:#848B33  
}
```

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 #848B33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #848B33
}
```

Border

The CSS property to change the border of an element to Hex 848B33 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
#848B33 }
```

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

```
.border{ border-color:#848B33 }
```

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

Here you see how a box with a 4 pixel #848B33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #848B33; -webkit-box-shadow:4px 4px  
4px 4px #848B33; box-shadow:4px 4px 4px  
4px #848B33 }
```

Background

The CSS property to change the background color of an element to Hex 848B33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#848B33 }
```

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

```
.background{ background-color:#848B33 }
```

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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