

Converting Colors

Hex(898F33)

Have a look what the booklet for
Hex(898F33) contains.

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Color

Hex(898F33)

Conversions

Conversions Part 1

Format	Color
Hex	898F33
RGB	137, 143, 51
RGB Percent	54%, 56%, 20%
CMY	0.4627, 0.4392, 0.8000
CMYK	0.04, 0.00, 0.64, 0.44
HSL	64°, 47%, 38%
HSV	64°, 64%, 56%
XYZ	20.7365, 25.2023, 6.9036
YIQ	130.7180, 25.9560, -29.8840

Conversions

Conversions Part 2

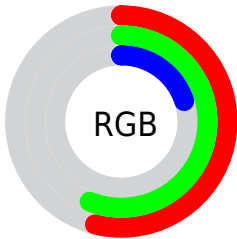
Format	Color
RYB	51, 143, 57
Decimal	9015091
CIELab	57.27, -14.83, 46.58
CIElCh	57, 48.883, 107.655
Yxy	25.2023, 0.3924, 0.4769
Android (android.graphics.Color)	4287205171 (0xFF898F33)
YUV	130.7180, -39.3010, 5.5093
Hunter-Lab	50.2019, -14.1216, 26.9880

Details

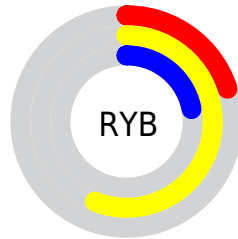
The Hex color **898F33** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **39338F**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **C1C566**, and **545D00** is the 20% darker color. If you saturate the color by 10%, you get **888F25**, and if you desaturate by 10%, it is **8A8F41**.

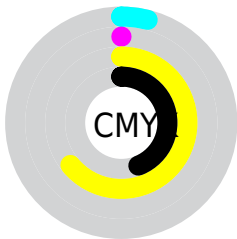
Distribution



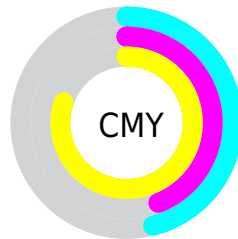
- Red (54%)
- Green (56%)
- Blue (20%)



- Red (20%)
- Yellow (56%)
- Blue (22%)



- Cyan (4%)
- Magenta (0%)
- Yellow (64%)
- Black (44%)



- Cyan (46%)
- Magenta (44%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 898F33 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 898F33 by changing the saturation by 10% instead.



898F33



898F33

FFFFFF



6E7518



C1C566



545D00



DDE180



3C4500



FAFD9B



222F00



FFFFB7



021B00



FFFFD3



000000



FFFEEF



898F33



898F33



888F25



8A8F41

■ 878F16

■ 8B8F50

■ 868F08

■ 8C8F5E

■ 868F00

■ 8D8F6C

■ 8E8F7B

■ 8F8F89

■ 908F97

■ 908FA5

■ 918FB4

Harmonies

Analogous

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



B08133



898F33



58984D

Triad

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



898F33



009CC8



CF669D

Complementary

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



898F33



39338F

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.



AC74C3



898F33



0093DD

Square

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



898F33



009FA2



6D85DB



D96572

Rectangle

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



898F33



229C67



6D85DB



C66AAB

Sweetspot

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



898F33



B8BA97



8F3833



5D5E49



DEDEDE



5E5E5E

Same Dimension

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



898F33



B1BA2B



5C8F33



474740



7E8700



070800

Inverse Universe

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



39338F



342BBA



66338F



414047



090087



000008

Previews

White Background



This preview shows how the Hex color 898F33 looks on a white background.

Color Contrast Check

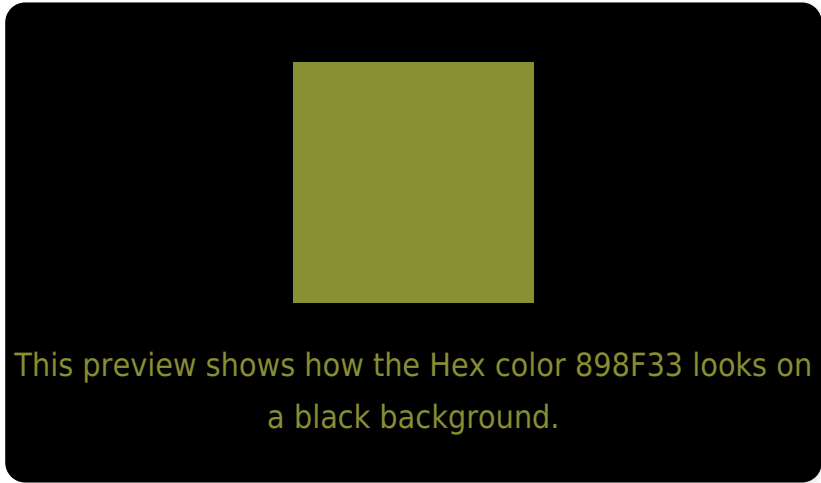
Large Text (above 18pt) WCAG AA ✓ Pass

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

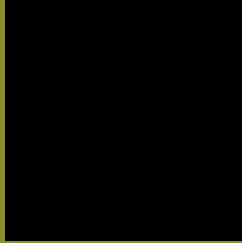
Any Text WCAG AA ✓ Pass

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 898F33 Background



This preview shows how black text looks on a background with the Hex color 898F33.



This preview shows how white text looks on a background with the Hex color 898F33.

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
898F33

Protanopia
998A32

Deuteranopia
AB8337



Tritanopia
928690

Trichromacy



Original Color
898F33

Protanomaly
938C32

Deuteranomaly
9F8736

Tritanomaly
8F896E

Monochromacy



Original Color
898F33

Achromatopsia
838383

Achromatomaly
858766

CSS Examples

Text

The CSS property to change the color of the text to Hex 898F33 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 #898F33 looks like.

```
.text, #text, p{  
    color:#898F33  
}
```

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 #898F33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #898F33
}
```

Border

The CSS property to change the border of an element to Hex 898F33 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
#898F33 }
```

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

```
.border{ border-color:#898F33 }
```

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

Here you see how a box with a 4 pixel #898F33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #898F33; -webkit-box-shadow:4px 4px  
4px 4px #898F33; box-shadow:4px 4px 4px  
4px #898F33 }
```

Background

The CSS property to change the background color of an element to Hex 898F33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#898F33 }
```

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

```
.background{ background-color:#898F33 }
```

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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