

Converting Colors

Hex(878A3D)

Have a look what the booklet for
Hex(878A3D) contains.

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Color

Hex(878A3D)

Conversions

Conversions Part 1

Format	Color
Hex	878A3D
RGB	135, 138, 61
RGB Percent	53%, 54%, 24%
CMY	0.4706, 0.4588, 0.7608
CMYK	0.02, 0.00, 0.56, 0.46
HSL	62°, 39%, 39%
HSV	62°, 56%, 54%
XYZ	19.9225, 23.6648, 7.9326
YIQ	128.3250, 22.9290, -24.5830

Conversions

Conversions Part 2

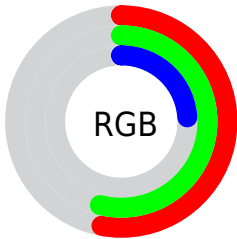
Format	Color
RYB	61, 138, 64
Decimal	8882749
CIELab	55.75, -12.26, 40.18
CIELCh	56, 42.006, 106.969
Yxy	23.6648, 0.3867, 0.4593
Android (android.graphics.Color)	4287072829 (0xFF878A3D)
YUV	128.3250, -33.1912, 5.8540
Hunter-Lab	48.6465, -12.0292, 24.3843

Details

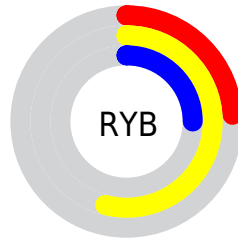
The Hex color **878A3D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **403D8A**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **BEBF6F**, and **535809** is the 20% darker color. If you saturate the color by 10%, you get **868A2F**, and if you desaturate by 10%, it is **888A4B**.

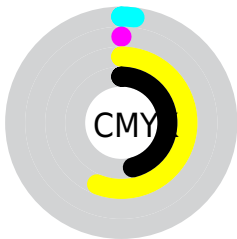
Distribution



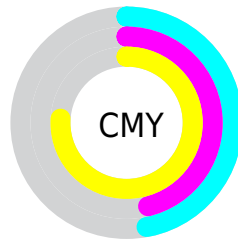
- Red (53%)
- Green (54%)
- Blue (24%)



- Red (24%)
- Yellow (54%)
- Blue (25%)



- Cyan (2%)
- Magenta (0%)
- Yellow (56%)
- Black (46%)



- Cyan (47%)
- Magenta (46%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 878A3D 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 878A3D by changing the saturation by 10% instead.

 878A3D

 878A3D

FFFFFF

 6D7124

 BEBF6F

 535809

 DADB89

 3B4100

 F7F8A4

 222B00

 FFFFC0

 001800

 FFFFDC

 000000

 FFFFF9

 878A3D

 878A3D

 868A2F

 888A4B

 868A21

 888A59

 858A14

 898A66

 858A06

 898A74

 858A00

 8A8A82

 8A8A90

 8B8A9E

 8B8AAB

 8C8AB9

Harmonies

Analogous

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



A97E3D



878A3D



5D9252

Triad

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



878A3D



0095BA



C16997

Complementary

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



878A3D



403D8A

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.



A374B8



878A3D



008ECC

Square

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



878A3D



00989A



6E82CB



CA6872

Rectangle

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



878A3D



399668



6E82CB



B96CA3

Sweetspot

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



878A3D



B1B394



8A403D



595947



D9D9D9



595959

Same Dimension

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



878A3D



AEB33B



618A3D



45453E



7F8500



050500

Inverse Universe

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



403D8A



403BB3



663D8A



3E3E45



050085



000005

Previews

White Background



This preview shows how the Hex color 878A3D looks on a white background.

Color Contrast Check

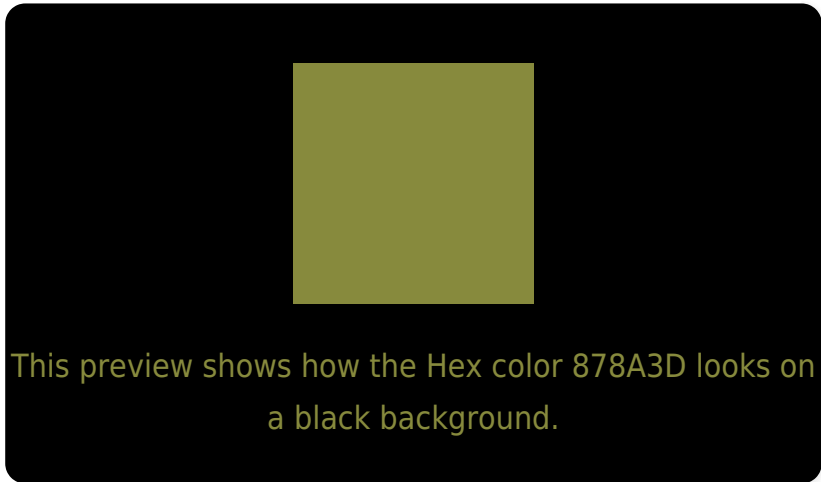
Large Text (above 18pt) WCAG AA ✓ Pass

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

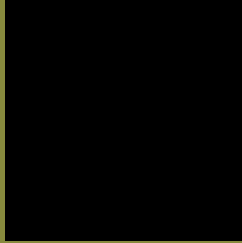
Any Text WCAG AA ✓ Pass

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 878A3D Background



This preview shows how black text looks on a background with the Hex color 878A3D.



This preview shows how white text looks on a background with the Hex color 878A3D.

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](#).

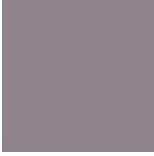
Dichromacy



Original Color
878A3D

Protanopia
94863C

Deuteranopia
A57F40



Tritanopia
8F828C

Trichromacy



Original Color
878A3D

Protanomaly
8F873C

Deuteranomaly
9A833F

Tritanomaly
8C856F

Monochromacy



Original Color
878A3D

Achromatopsia
808080

Achromatomaly
838468

CSS Examples

Text

The CSS property to change the color of the text to Hex 878A3D 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 #878A3D looks like.

```
.text, #text, p{  
    color:#878A3D  
}
```

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 #878A3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878A3D
}
```

Border

The CSS property to change the border of an element to Hex 878A3D 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
#878A3D }
```

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

```
.border{ border-color:#878A3D }
```

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

Here you see how a box with a 4 pixel #878A3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878A3D; -webkit-box-shadow:4px 4px  
4px 4px #878A3D; box-shadow:4px 4px 4px  
4px #878A3D }
```

Background

The CSS property to change the background color of an element to Hex 878A3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878A3D }
```

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

```
.background{ background-color:#878A3D }
```

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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