

Converting Colors

Hex(878B3D)

Have a look what the booklet for
Hex(878B3D) contains.

Hex(878B3D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(878B3D)

Conversions

Conversions Part 1

Format	Color
Hex	878B3D
RGB	135, 139, 61
RGB Percent	53%, 55%, 24%
CMY	0.4706, 0.4549, 0.7608
CMYK	0.03, 0.00, 0.56, 0.45
HSL	63°, 39%, 39%
HSV	63°, 56%, 55%
XYZ	20.0666, 23.9531, 7.9807
YIQ	128.9120, 22.6540, -25.1060

Conversions

Conversions Part 2

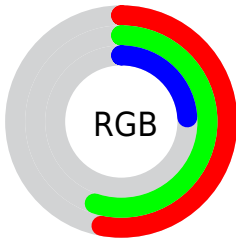
Format	Color
R_{YB}	61, 139, 65
Decimal	8883005
CIE _{Lab}	56.04, -12.80, 40.51
CIE _{LCh}	56, 42.482, 107.530
Yxy	23.9531, 0.3859, 0.4606
Android (android.graphics.Color)	4287073085 (0xFF878B3D)
YUV	128.9120, -33.4806, 5.3392
Hunter-Lab	48.9419, -12.4617, 24.5912

Details

The Hex color **878B3D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **413D8B**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **BEC06F**, and **535909** is the 20% darker color. If you saturate the color by 10%, you get **868B2F**, and if you desaturate by 10%, it is **888B4B**.

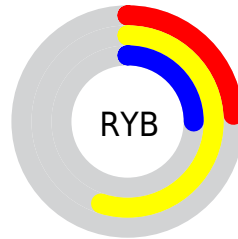
Distribution



Red (53%)

Green (55%)

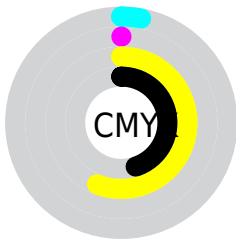
Blue (24%)



Red (24%)

Yellow (55%)

Blue (25%)

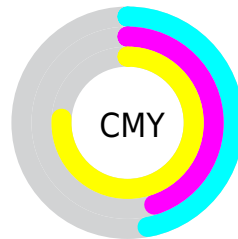


Cyan (3%)

Magenta (0%)

Yellow (56%)

Black (45%)



Cyan (47%)

Magenta (45%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 878B3D 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 878B3D by changing the saturation by 10% instead.

 878B3D

 878B3D

FFFFFF

 6D7224

 BEC06F

 535909

 DADC89

 3A4200

 F7F9A4

 222C00

 FFFFC0

 011800

 FFFFDC

 000000

 FFFFF9

 878B3D

 878B3D

 868B2F

 888B4B

 868B21

 888B59

 858B13

 898B67

 848B05

 8A8B75

 848B00

 8B8B83

 8B8B90

 8C8B9E

 8D8BAC

 8D8BBA

Harmonies

Analogous

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



A97F3D



878B3D



5D9353

Triad

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



878B3D



0096BC



C36997

Complementary

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



878B3D



413D8B

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.



A474B8



878B3D



008FCE

Square

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



878B3D



00999B



7083CD



CC6872

Rectangle

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



878B3D



379769



7083CD



BB6CA3

Sweetspot

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



878B3D



B3B596



8B413D



5B5C49



DBDBDB



5C5C5C

Same Dimension

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



878B3D



AFB53C



608B3D



44453E



7E8500



050500

Inverse Universe

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



413D8B



423CB5



683D8B



3E3E45



070085



000005

Previews

White Background



This preview shows how the Hex color 878B3D looks on a white background.

Color Contrast Check

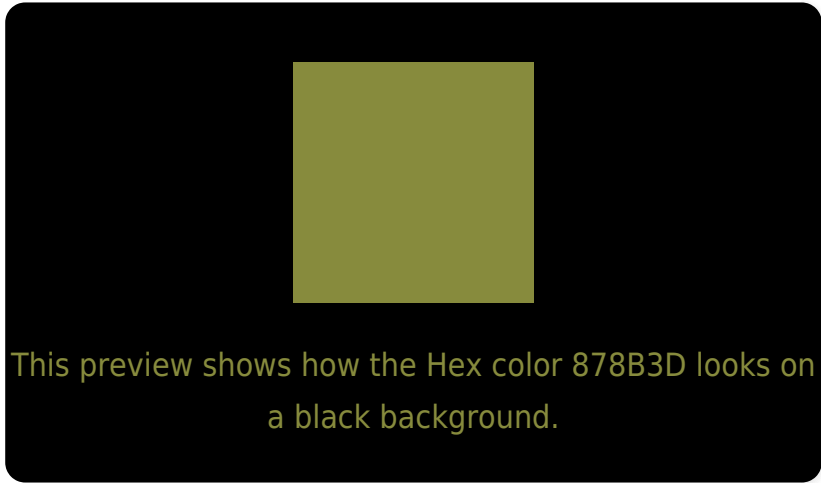
Large Text (above 18pt) WCAG AA ✓ Pass

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

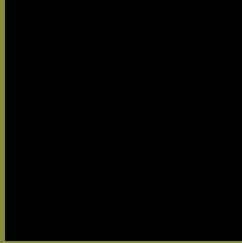
Any Text WCAG AA ✓ Pass

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 878B3D Background



This preview shows how black text looks on a background with the Hex color 878B3D.



This preview shows how white text looks on a background with the Hex color 878B3D.

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
878B3D

Protanopia
95863C

Deuteranopia
A68040

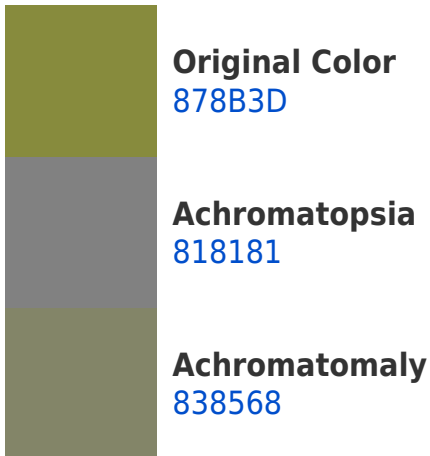


Tritanopia
8F838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 878B3D 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 #878B3D looks like.

```
.text, #text, p{  
    color:#878B3D  
}
```

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 #878B3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878B3D
}
```

Border

The CSS property to change the border of an element to Hex 878B3D 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
#878B3D }
```

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

```
.border{ border-color:#878B3D }
```

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

Here you see how a box with a 4 pixel #878B3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878B3D; -webkit-box-shadow:4px 4px  
4px 4px #878B3D; box-shadow:4px 4px 4px  
4px #878B3D }
```

Background

The CSS property to change the background color of an element to Hex 878B3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878B3D }
```

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

```
.background{ background-color:#878B3D }
```

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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