

# Converting Colors

Hex(878C5D)

Have a look what the booklet for  
Hex(878C5D) contains.

<b>Hex(878C5D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(878C5D)

# Conversions

## Conversions Part 1

Format	Color
Hex	878C5D
RGB	135, 140, 93
RGB Percent	53%, 55%, 36%
CMY	0.4706, 0.4510, 0.6353
CMYK	0.04, 0.00, 0.34, 0.45
HSL	66°, 20%, 46%
HSV	66°, 34%, 55%
XYZ	21.3455, 24.6974, 13.9980
YIQ	133.1470, 12.1070, -15.6770

# Conversions

## Conversions Part 2

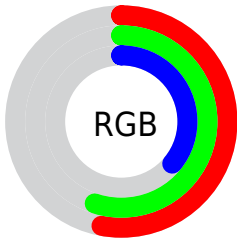
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 140, 98
Decimal	8883293
CIE <sub>Lab</sub>	56.78, -9.78, 24.54
CIE <sub>LCh</sub>	57, 26.420, 111.736
Yxy	24.6974, 0.3555, 0.4113
Android (android.graphics.Color)	4287073373 (0xFF878C5D)
YUV	133.1470, -19.7925, 1.6251
Hunter-Lab	49.6965, -10.2998, 18.0873

# Details

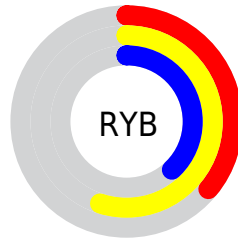
The Hex color **878C5D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **625D8C**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **BDC190**, and **545A2E** is the 20% darker color. If you saturate the color by 10%, you get **868C4F**, and if you desaturate by 10%, it is **888C6B**.

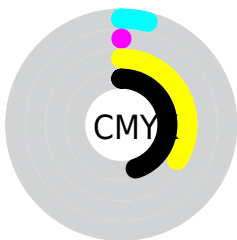
# Distribution



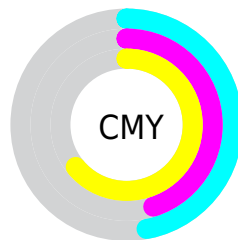
- Red (53%)
- Green (55%)
- Blue (36%)



- Red (36%)
- Yellow (55%)
- Blue (38%)



- Cyan (4%)
- Magenta (0%)
- Yellow (34%)
- Black (45%)



- Cyan (47%)
- Magenta (45%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 878C5D 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 878C5D by changing the saturation by 10% instead.



 878C5D

 878C5D

FFFFFF

 6D7345

 BDC190

 545A2E

 D9DDAA

 3D4318

 F6FAC6

 262C00

 FFFFE2

 0C1900

 000000

 878C5D

 878C5D

 868C4F

 888C6B

 848C41

 8A8C79

 838C33

 8B8C87

 818C25

 8D8C95

 808C17

 8E8CA3

 7E8C09

 908CB1

 7D8C00

 918CBF

 938CCD

 948CDB

# Harmonies

## Analogous

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



9E855B



878C5D



6D926B

# Triad

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



878C5D



4392AC



B17890

# Complementary

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



878C5D



625D8C

# 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.



9F7DA5



878C5D



608CB5

# Square

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



878C5D



3E9598



8385B3



B67878

# Rectangle

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



878C5D



5B9479



8385B3



AD7997



# Sweetspot

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



878C5D



B3B5A3



8C625D



5B5C51



DBDBDB



5C5C5C



# Same Dimension

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



878C5D



ADB56D



708C5D



44453E



768500



050500



# Inverse Universe

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



625D8C



746DB5



795D8C



3F3E45



0E0085



010005



# Previews

## White Background



This preview shows how the Hex color 878C5D looks on a white background.

## Color Contrast Check

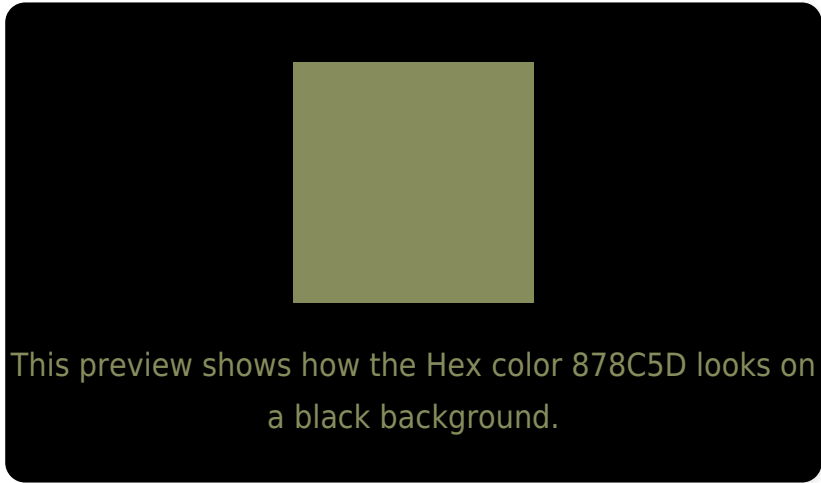
Large Text (above 18pt) WCAG AA ✓ Pass

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

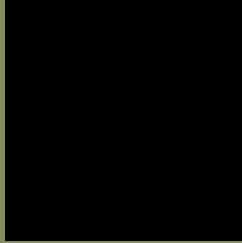
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 878C5D Background



This preview shows how black text looks on a background with the Hex color 878C5D.



This preview shows how white text looks on a background with the Hex color 878C5D.

# 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



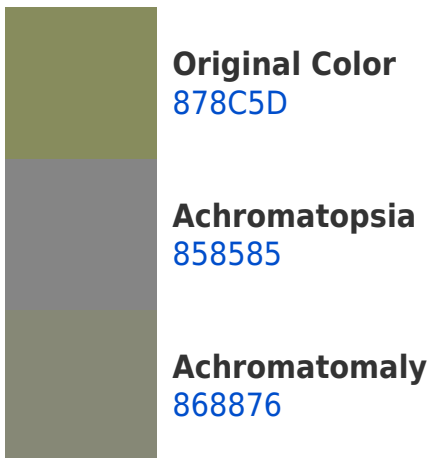


**Tritanopia**  
8D8690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 878C5D 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 #878C5D looks like.

```
.text, #text, p{  
    color:#878C5D  
}
```

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 #878C5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878C5D
}
```

## Border

The CSS property to change the border of an element to Hex 878C5D 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
#878C5D }
```

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

```
.border{ border-color:#878C5D }
```

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

Here you see how a box with a 4 pixel #878C5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878C5D; -webkit-box-shadow:4px 4px  
4px 4px #878C5D; box-shadow:4px 4px 4px  
4px #878C5D }
```

# Background

The CSS property to change the background color of an element to Hex 878C5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878C5D }
```

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

```
.background{ background-color:#878C5D }
```

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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