

# Converting Colors

Hex(878F64)

Have a look what the booklet for  
Hex(878F64) contains.

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**Color**

**Hex(878F64)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	878F64
RGB	135, 143, 100
RGB Percent	53%, 56%, 39%
CMY	0.4706, 0.4392, 0.6078
CMYK	0.06, 0.00, 0.30, 0.44
HSL	71°, 18%, 48%
HSV	71°, 30%, 56%
XYZ	22.1144, 25.7159, 15.8547
YIQ	135.7060, 9.0350, -15.0690

# Conversions

## Conversions Part 2

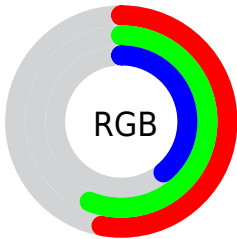
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 143, 108
Decimal	8884068
CIELab	57.77, -10.43, 21.96
CIELCh	58, 24.316, 115.407
Yxy	25.7159, 0.3472, 0.4038
Android (android.graphics.Color)	4287074148 (0xFF878F64)
YUV	135.7060, -17.6031, -0.6192
Hunter-Lab	50.7109, -10.9024, 16.9606

# Details

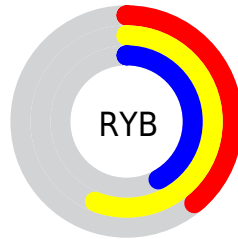
The Hex color **878F64** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6C648F**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **BDC597**, and **555D35** is the 20% darker color. If you saturate the color by 10%, you get **848F56**, and if you desaturate by 10%, it is **8A8F72**.

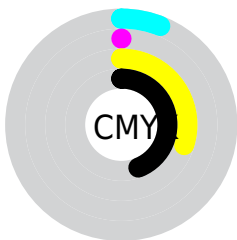
# Distribution



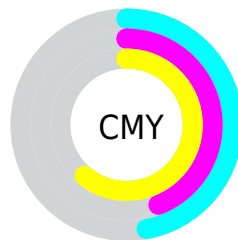
- Red (53%)
- Green (56%)
- Blue (39%)



- Red (39%)
- Yellow (56%)
- Blue (42%)



- Cyan (6%)
- Magenta (0%)
- Yellow (30%)
- Black (44%)



- Cyan (47%)
- Magenta (44%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 878F64 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 878F64 by changing the saturation by 10% instead.





878F64



878F64

FFFFFF



6D754C



BDC597



555D35



D9E1B2



3D451F



F5FDCE



272F08



FFFFEA



101B00



000000



878F64



878F64



848F56



8A8F72



828F47



8C8F81

 7F8F39

 8F8F8F

 7C8F2B

 928F9D

 7A8F1C

 948FAB

 778F0E

 978FBA

 748F00

 9A8FC8

 9C8FD6

 9F8FE5

# Harmonies

## Analogous

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



9D8861



878F64



6F9472

# Triad

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



878F64



5193AD



B27B8F

# Complementary

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



878F64



6C648F

# 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.



A37FA3



878F64



6B8EB5

# Square

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



878F64



49969C



8A86B1



B57C7A

# Rectangle

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



878F64



5F967F



8A86B1



AE7C96



# Sweetspot

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



878F64



B7BAA9



8F6C64



5C5E54



DEDEDE



5E5E5E



# Same Dimension

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



878F64



AEBA77



728F64



464740



6E8700



060800



# Inverse Universe

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



6C648F



8477BA



81648F



424047



190087



010008



# Previews

## White Background



This preview shows how the Hex color 878F64 looks on a white background.

## Color Contrast Check

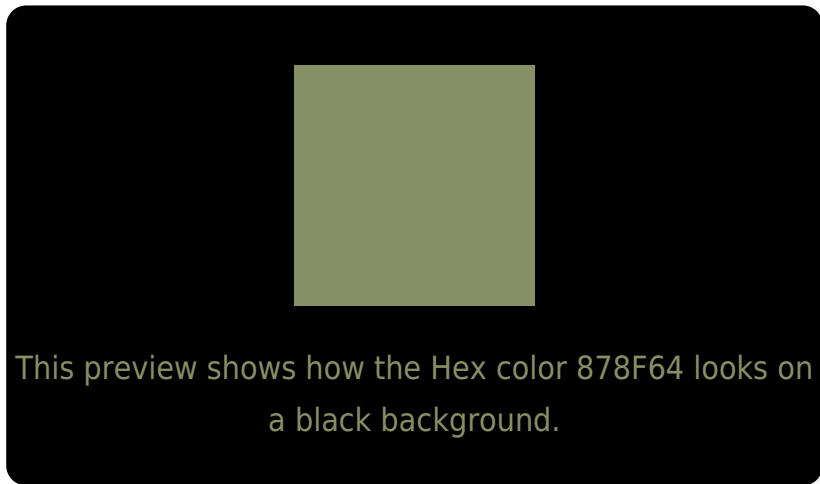
Large Text (above 18pt) WCAG AA ✓ Pass

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

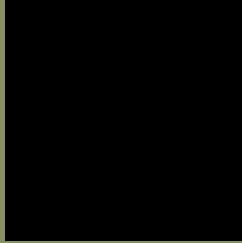
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

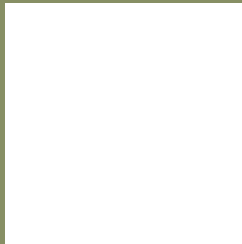
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 878F64 Background



This preview shows how black text looks on a background with the Hex color 878F64.




This preview shows how white text looks on a background with the Hex color 878F64.

# 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**  
8D8994

# Trichromacy



**Original Color**  
878F64

**Protanomaly**  
908C63

**Deuteranomaly**  
998965

**Tritanomaly**  
8B8B83

# Monochromacy



**Original Color**  
878F64

**Achromatopsia**  
888888

**Achromatomaly**  
888B7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 878F64 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 #878F64 looks like.

```
.text, #text, p{  
    color:#878F64  
}
```

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 #878F64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878F64
}
```

## Border

The CSS property to change the border of an element to Hex 878F64 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
#878F64 }
```

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

```
.border{ border-color:#878F64 }
```

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

Here you see how a box with a 4 pixel #878F64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878F64; -webkit-box-shadow:4px 4px  
4px 4px #878F64; box-shadow:4px 4px 4px  
4px #878F64 }
```

# Background

The CSS property to change the background color of an element to Hex 878F64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878F64 }
```

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

```
.background{ background-color:#878F64 }
```

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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