

# Converting Colors

Hex(878535)

Have a look what the booklet for  
Hex(878535) contains.

<b>Hex(878535)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(878535)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	878535
RGB	135, 133, 53
RGB Percent	53%, 52%, 21%
CMY	0.4706, 0.4784, 0.7922
CMYK	0.00, 0.01, 0.61, 0.47
HSL	59°, 44%, 37%
HSV	59°, 61%, 53%
XYZ	19.0218, 22.1830, 6.6474
YIQ	124.4780, 26.8720, -24.4560

# Conversions

## Conversions Part 2

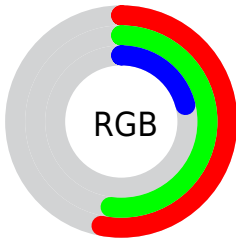
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 135, 53
Decimal	8881461
CIELab	54.22, -10.21, 42.32
CIELCh	54, 43.533, 103.564
Yxy	22.1830, 0.3975, 0.4636
Android (android.graphics.Color)	4287071541 (0xFF878535)
YUV	124.4780, -35.2387, 9.2278
Hunter-Lab	47.0988, -10.3321, 24.6012

# Details

The Hex color **878535** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **353787**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **BEBA67**, and **535400** is the 20% darker color. If you saturate the color by 10%, you get **878528**, and if you desaturate by 10%, it is **878543**.

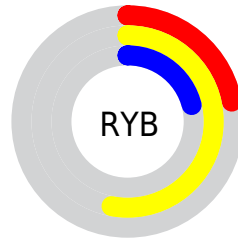
# Distribution



Red (53%)

Green (52%)

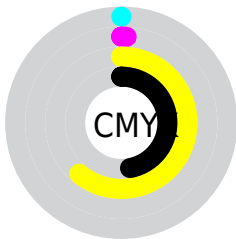
Blue (21%)



Red (22%)

Yellow (53%)

Blue (21%)

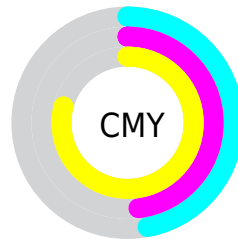


Cyan (0%)

Magenta (1%)

Yellow (61%)

Black (47%)



Cyan (47%)

Magenta (48%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 878535 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 878535 by changing the saturation by 10% instead.



 878535

 878535

FFFFFF

 6C6C1C

 BEBA67

 535400

 DBD681

 3A3D00

 F8F29C

 212700

 FFFFB7

 001400

 FFFFD3

 000000

 FFFFF0

 878535

 878535

 878528

 878543

■ 87841A

■ 878650

■ 87840D

■ 87865E

■ 878400

■ 87866B

■ 878779

■ 878786

■ 878794

■ 8788A1

■ 8788AF

# Harmonies

## Analogous

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



A97838



878535



5D8E49

# Triad

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



878535



0092B4



BC6498

# Complementary

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



878535



353787

# 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.



9A71B8



878535



008BC9

# Square

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



878535



009592



6080CB



C86272

# Rectangle

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



878535



38925F



6080CB



B468A4



# Sweetspot

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



878535



B0AF90



873538



595946



D9D9D9



595959



# Same Dimension

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



878535



B0AD30



618735



42423C



827F00



030200



# Inverse Universe

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



353787



3033B0



5B3587



3C3C42



000382



000003



# Previews

## White Background



This preview shows how the Hex color 878535 looks on a white background.

## Color Contrast Check

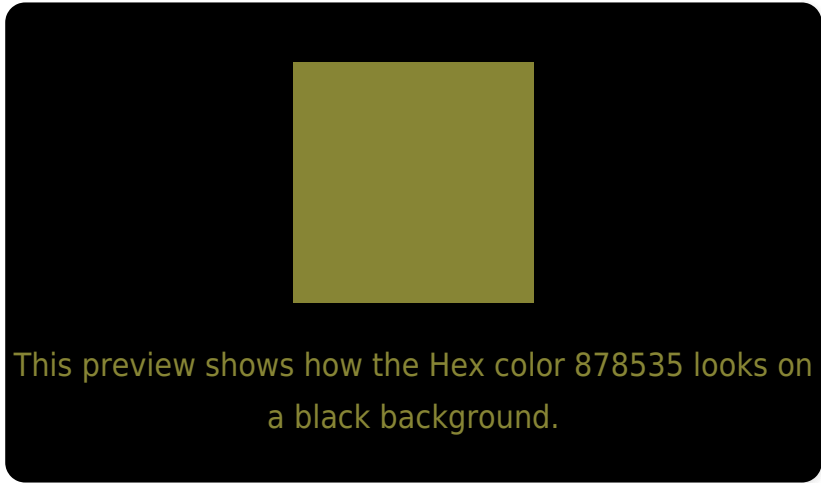
Large Text (above 18pt) WCAG AA ✓ Pass

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

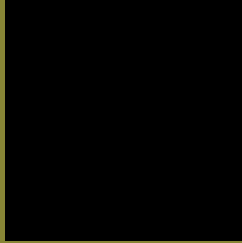
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 878535 Background



This preview shows how black text looks on a background with the Hex color 878535.



This preview shows how white text looks on a background with the Hex color 878535.

# 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**  
878535

**Protanopia**  
908234

**Deuteranopia**  
A17B38



**Tritanopia**  
8F7D86

# Trichromacy



**Original Color**  
878535

**Protanomaly**  
8D8334

**Deuteranomaly**  
987F37

**Tritanomaly**  
8C8069

# Monochromacy



**Original Color**  
878535

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
807F62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 878535 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 #878535 looks like.

```
.text, #text, p{  
    color:#878535  
}
```

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 #878535 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878535
}
```

## Border

The CSS property to change the border of an element to Hex 878535 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
#878535 }
```

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

```
.border{ border-color:#878535 }
```

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

Here you see how a box with a 4 pixel #878535 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878535; -webkit-box-shadow:4px 4px  
4px 4px #878535; box-shadow:4px 4px 4px  
4px #878535 }
```

# Background

The CSS property to change the background color of an element to Hex 878535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878535 }
```

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

```
.background{ background-color:#878535 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor