

# Converting Colors

Hex(879957)

Have a look what the booklet for  
Hex(879957) contains.

<b>Hex(879957)</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(879957)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	879957
RGB	135, 153, 87
RGB Percent	53%, 60%, 34%
CMY	0.4706, 0.4000, 0.6588
CMYK	0.12, 0.00, 0.43, 0.40
HSL	76°, 27%, 47%
HSV	76°, 43%, 60%
XYZ	23.1032, 28.6215, 13.3237
YIQ	140.0940, 10.4580, -24.3420

# Conversions

## Conversions Part 2

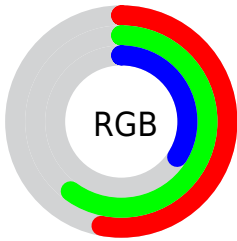
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 153, 105
Decimal	8886615
CIELab	60.45, -17.47, 32.51
CIELCh	60, 36.905, 118.246
Yxy	28.6215, 0.3552, 0.4400
Android (android.graphics.Color)	4287076695 (0xFF879957)
YUV	140.0940, -26.1753, -4.4674
Hunter-Lab	53.4990, -16.5393, 22.6835

# Details

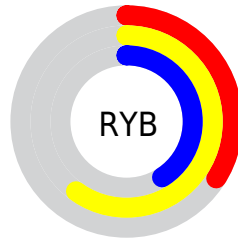
The Hex color **879957** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **695799**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **BDCF8A**, and **546627** is the 20% darker color. If you saturate the color by 10%, you get **839948**, and if you desaturate by 10%, it is **8B9966**.

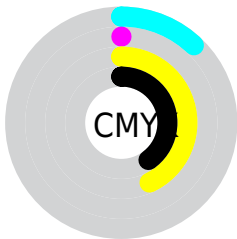
# Distribution



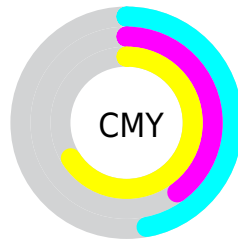
- Red (53%)
- Green (60%)
- Blue (34%)



- Red (34%)
- Yellow (60%)
- Blue (41%)



- Cyan (12%)
- Magenta (0%)
- Yellow (43%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 879957 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 879957 by changing the saturation by 10% instead.





879957



879957

FFFFFF



6D7F3F



BDCF8A



546627



D9ECA5



3B4E0F



F6FFC0



253700



FFFFDC



0C2200



FFFFF9



000300



000000



879957



879957



839948



8B9966

 7F9938

 8F9976

 7A9929

 949985

 76991A

 989994

 72990B

 9C99A3

 6F9900

 A099B3

 A499C2

 A899D1

 AD99E1

# Harmonies

## Analogous

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



A88F50



879957



60A06E

# Triad

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



879957



009EC8



CD7895

# Complementary

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



879957



695799

# 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.



B97EB4



879957



5C96D2

# Square

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



879957



00A2AF



928ACB



D07A75

# Rectangle

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



879957



40A283



928ACB



C979A0



# Sweetspot

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



879957



C0C7AD



996957



5F6354



E3E3E3



636363



# Same Dimension

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



879957



ABC75F



669957



4A4D45



668C00



090D00



# Inverse Universe

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



695799



7C5FC7



8A5799



47454D



26008C



03000D



# Previews

## White Background



This preview shows how the Hex color 879957 looks on a white background.

## Color Contrast Check

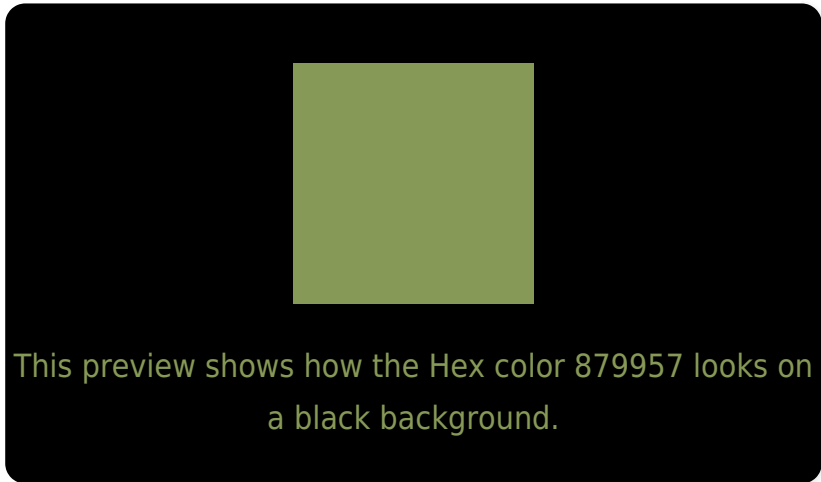
Large Text (above 18pt) WCAG AA ✓ Pass

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

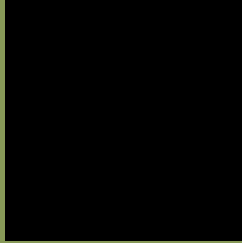
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 879957 Background



This preview shows how black text looks on a background with the Hex color 879957.

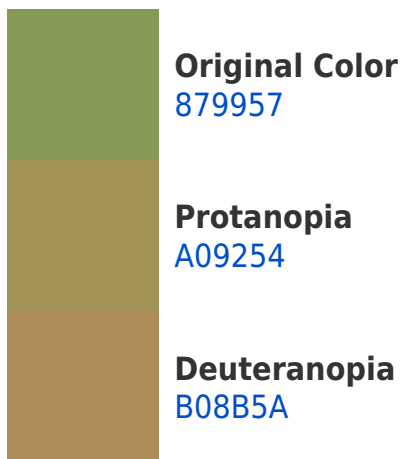



This preview shows how white text looks on a background with the Hex color 879957.

# 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](#).

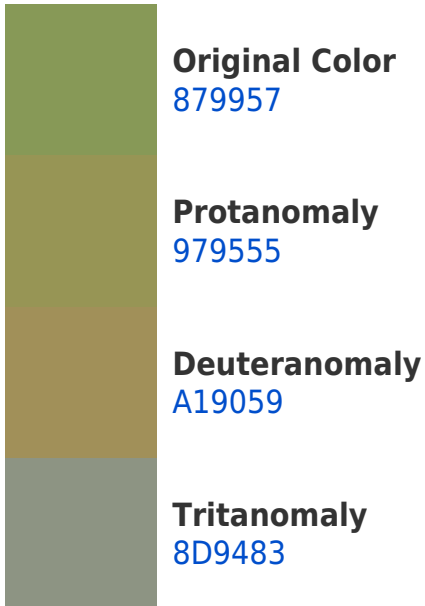
## Dichromacy



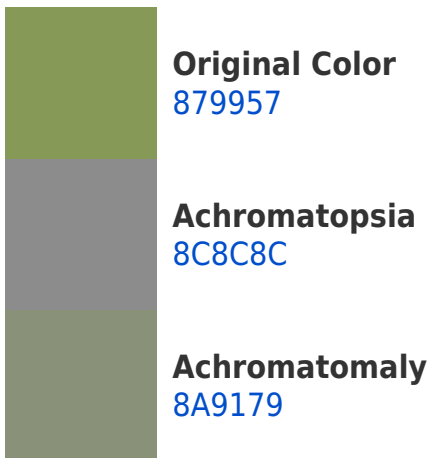


**Tritanopia**  
90919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 879957 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 #879957 looks like.

```
.text, #text, p{  
    color:#879957  
}
```

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 #879957 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #879957
}
```

## Border

The CSS property to change the border of an element to Hex 879957 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
#879957 }
```

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

```
.border{ border-color:#879957 }
```

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

Here you see how a box with a 4 pixel #879957 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #879957; -webkit-box-shadow:4px 4px  
4px 4px #879957; box-shadow:4px 4px 4px  
4px #879957 }
```

# Background

The CSS property to change the background color of an element to Hex 879957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#879957 }
```

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

```
.background{ background-color:#879957 }
```

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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