

# Converting Colors

Hex(879458)

Have a look what the booklet for  
Hex(879458) contains.

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**Color**

**Hex(879458)**

# Conversions

## Conversions Part 1

Format	Color
Hex	879458
RGB	135, 148, 88
RGB Percent	53%, 58%, 35%
CMY	0.4706, 0.4196, 0.6549
CMYK	0.09, 0.00, 0.41, 0.42
HSL	73°, 25%, 46%
HSV	73°, 41%, 58%
XYZ	22.3430, 27.0353, 13.2732
YIQ	137.2730, 11.5120, -21.4160

# Conversions

## Conversions Part 2

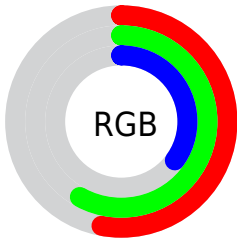
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 148, 101
Decimal	8885336
CIE Lab	59.01, -14.72, 30.15
CIE LCh	59, 33.557, 116.024
Yxy	27.0353, 0.3566, 0.4315
Android (android.graphics.Color)	4287075416 (0xFF879458)
YUV	137.2730, -24.2916, -1.9934
Hunter-Lab	51.9955, -14.2886, 21.2615

# Details

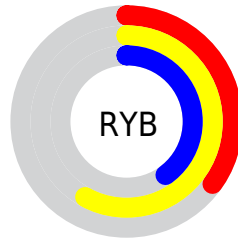
The Hex color **879458** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **655894**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **BDCA8B**, and **546129** is the 20% darker color. If you saturate the color by 10%, you get **849449**, and if you desaturate by 10%, it is **8A9467**.

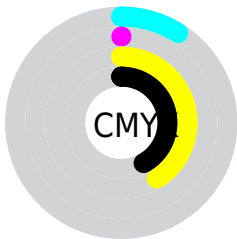
# Distribution



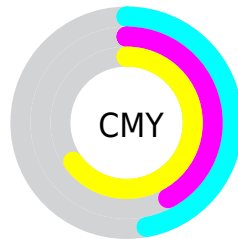
- Red (53%)
- Green (58%)
- Blue (35%)



- Red (35%)
- Yellow (58%)
- Blue (40%)



- Cyan (9%)
- Magenta (0%)
- Yellow (41%)
- Black (42%)



- Cyan (47%)
- Magenta (42%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 879458 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 879458 by changing the saturation by 10% instead.





879458



879458

FFFFFF



6D7A40



BDCA8B



546129



D9E6A5



3C4A12



F6FFC1



263300



FFFFDD



0C1E00



FFFFFA



000000



879458



879458



849449



8A9467



81943A



8D9476

 7D942C

 919484

 7A941D

 949493

 77940E

 9794A2

 749400

 9A94B1

 9D94C0

 A194CE

 A494DD

# Harmonies

## Analogous

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



A58B53



879458



649A6C

# Triad

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



879458



239ABE



C37793

# Complementary

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



879458



655894

# 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.



AF7DAF



879458



5C92C8

# Square

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



879458



089DA7



8C88C3



C77976

# Rectangle

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



879458



4A9D7F



8C88C3



BF799D



# Sweetspot

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



879458



BABFA8



946558



5E6153



E0E0E0



616161



# Same Dimension

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



879458



ABBF62



699458



484A43



6C8A00



080A00



# Inverse Universe

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



655894



7662BF



835894



44434A



1E008A



02000A



# Previews

## White Background



This preview shows how the Hex color 879458 looks on a white background.

## Color Contrast Check

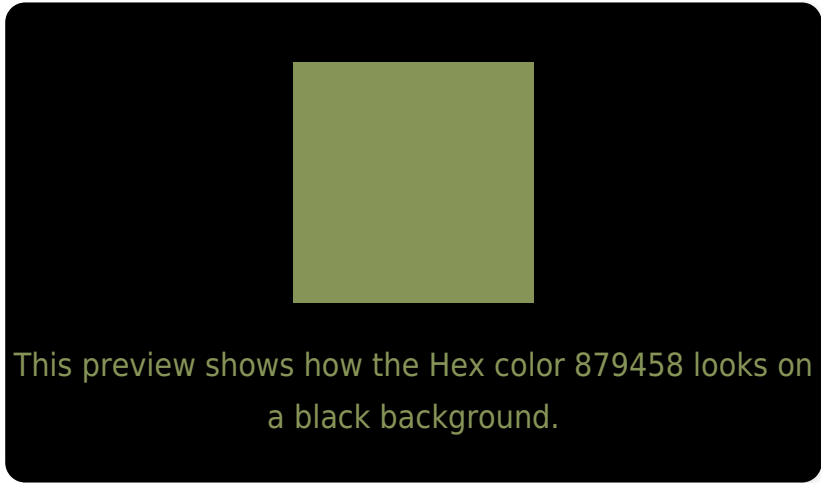
Large Text (above 18pt) WCAG AA ✓ Pass

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 879458 Background



This preview shows how black text looks on a background with the Hex color 879458.



This preview shows how white text looks on a background with the Hex color 879458.

# 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**  
879458

**Protanopia**  
9B8E56

**Deuteranopia**  
AB885B

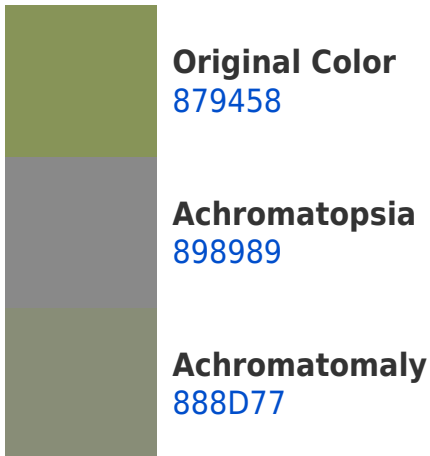


**Tritanopia**  
8F8C98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 879458 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 #879458 looks like.

```
.text, #text, p{  
    color:#879458  
}
```

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 #879458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #879458
}
```

## Border

The CSS property to change the border of an element to Hex 879458 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
#879458 }
```

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

```
.border{ border-color:#879458 }
```

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

Here you see how a box with a 4 pixel #879458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #879458; -webkit-box-shadow:4px 4px  
4px 4px #879458; box-shadow:4px 4px 4px  
4px #879458 }
```

# Background

The CSS property to change the background color of an element to Hex 879458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#879458 }
```

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

```
.background{ background-color:#879458 }
```

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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