

# Converting Colors

Hex(879432)

Have a look what the booklet for  
Hex(879432) contains.

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**Color**

**Hex(879432)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	879432
RGB	135, 148, 50
RGB Percent	53%, 58%, 20%
CMY	0.4706, 0.4196, 0.8039
CMYK	0.09, 0.00, 0.66, 0.42
HSL	68°, 49%, 39%
HSV	68°, 66%, 58%
XYZ	21.1573, 26.5610, 7.0293
YIQ	132.9410, 23.7100, -33.2340

# Conversions

## Conversions Part 2

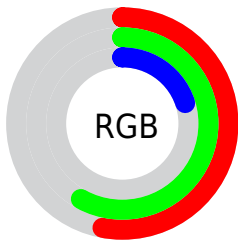
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">50, 148, 63</a>
Decimal	<a href="#">8885298</a>
CIELab	<a href="#">58.57, -18.38, 48.33</a>
CIELCh	<a href="#">59, 51.707, 110.822</a>
Yxy	<a href="#">26.5610, 0.3865, 0.4852</a>
Android (android.graphics.Color)	<a href="#">4287075378 (0xFF879432)</a>
YUV	<a href="#">132.9410, -40.8899, 1.8057</a>
Hunter-Lab	<a href="#">51.5374, -16.9119, 27.9895</a>

# Details

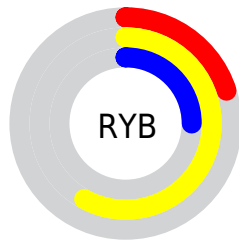
The Hex color **879432** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3F3294**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **BECA66**, and **526100** is the 20% darker color. If you saturate the color by 10%, you get **859423**, and if you desaturate by 10%, it is **899441**.

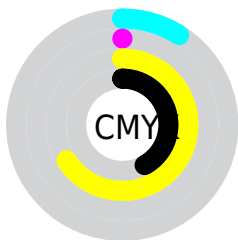
# Distribution



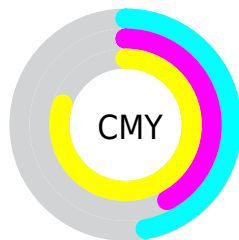
- Red (53%)
- Green (58%)
- Blue (20%)



- Red (20%)
- Yellow (58%)
- Blue (25%)



- Cyan (9%)
- Magenta (0%)
- Yellow (66%)
- Black (42%)



- Cyan (47%)
- Magenta (42%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 879432 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 879432 by changing the saturation by 10% instead.



 879432

 879432

FFFFFF

 6C7A16

 BECA66

 526100

 DBE680

 3A4A00

 F8FF9B

 203300

 FFFFB6

 001F00

 FFFFD3

 000000

 FFFFEF

 879432

 879432

 859423

 899441

■ 839414

■ 8B9450

■ 819406

■ 8D945E

■ 809400

■ 8F946D

■ 91947C

■ 93948B

■ 95949A

■ 9794A8

■ 9994B7

# Harmonies

## Analogous

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



B2862F



879432



509D51

# Triad

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



879432



009FD2



D9669D

# Complementary

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



879432



3F3294

# 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.



B774C7



879432



0096E6

# Square

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



879432



00A3AC



7687E2



E0666F

# Rectangle

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



879432



00A16D



7687E2



D069AC



# Sweetspot

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



879432



BABF99



943D32



5E614A



E0E0E0



616161



# Same Dimension

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



879432



ABBF28



589432



494A43



778A00



090A00



# Inverse Universe

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



3F3294



3C28BF



6E3294



44434A



12008A



01000A



# Previews

## White Background



This preview shows how the Hex color 879432 looks on a white background.

## Color Contrast Check

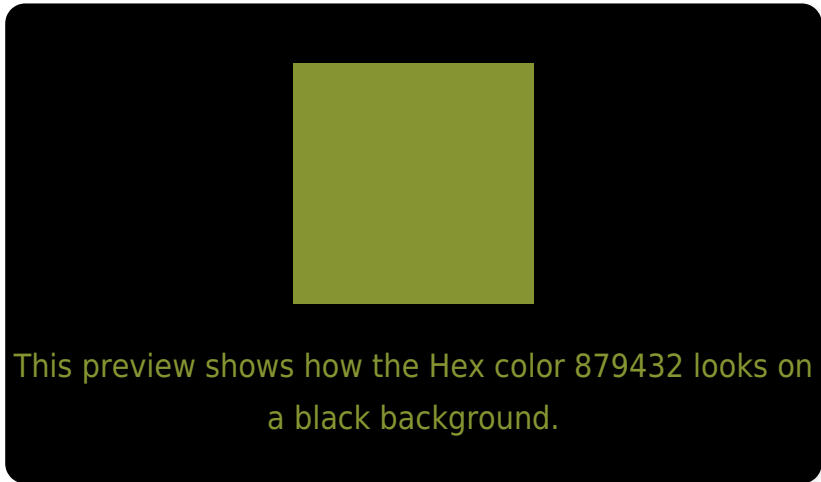
Large Text (above 18pt) WCAG AA ✓ Pass

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

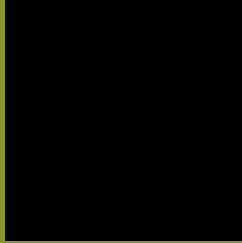
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 879432 Background



This preview shows how black text looks on a background with the Hex color 879432.



This preview shows how white text looks on a background with the Hex color 879432.

# 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**  
879432

**Protanopia**  
9D8D30

**Deuteranopia**  
AF8637



**Tritanopia**  
918A95

# Trichromacy



**Original Color**  
879432

**Protanomaly**  
959031

**Deuteranomaly**  
A08B35

**Tritanomaly**  
8D8E71

# Monochromacy



**Original Color**  
879432

**Achromatopsia**  
858585

**Achromatomaly**  
868A67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 879432 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 #879432 looks like.

```
.text, #text, p{  
    color:#879432  
}
```

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 #879432 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #879432
}
```

## Border

The CSS property to change the border of an element to Hex 879432 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
#879432 }
```

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

```
.border{ border-color:#879432 }
```

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

Here you see how a box with a 4 pixel #879432 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #879432; -webkit-box-shadow:4px 4px  
4px 4px #879432; box-shadow:4px 4px 4px  
4px #879432 }
```

# Background

The CSS property to change the background color of an element to Hex 879432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#879432 }
```

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

```
.background{ background-color:#879432 }
```

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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