

# Converting Colors

Hex(43923C)

Have a look what the booklet for  
Hex(43923C) contains.

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**Color**

**Hex(43923C)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 43923C                       |
| RGB         | 67, 146, 60                  |
| RGB Percent | 26%, 57%, 24%                |
| CMY         | 0.7373, 0.4275, 0.7647       |
| CMYK        | 0.54, 0.00, 0.59, 0.43       |
| HSL         | 115°, 42%, 40%               |
| HSV         | 115°, 59%, 57%               |
| XYZ         | 13.4092, 22.0773, 7.8296     |
| YIQ         | 112.5750, -19.4780, -43.4940 |

# Conversions

## Conversions Part 2

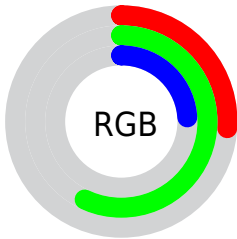
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 60, 146, 139                    |
| Decimal                             | 4428348                         |
| CIELab                              | 54.11, -41.90, 37.71            |
| CIELCh                              | 54, 56.373, 138.015             |
| Yxy                                 | 22.0773, 0.3096,<br>0.5097      |
| Android<br>(android.graphics.Color) | 4282618428<br>(0xFF43923C)      |
| YUV                                 | 112.5750, -25.9195,<br>-39.9693 |
| Hunter-Lab                          | 46.9865, -31.2852,<br>23.0108   |

# Details

The Hex color **43923C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8B3C92**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **7AC96E**, and **005E08** is the 20% darker color. If you saturate the color by 10%, you get **36922D**, and if you desaturate by 10%, it is **50924B**.

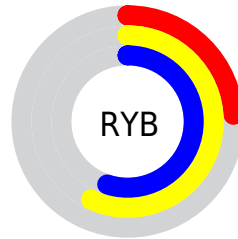
# Distribution



Red (26%)

Green (57%)

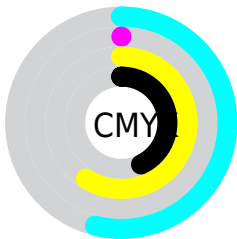
Blue (24%)



Red (24%)

Yellow (57%)

Blue (55%)

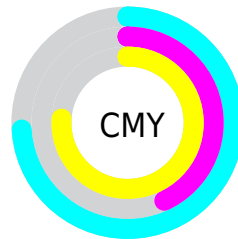


Cyan (54%)

Magenta (0%)

Yellow (59%)

Black (43%)



Cyan (74%)

Magenta (43%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43923C 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 43923C by changing the saturation by 10% instead.



 43923C

 43923C

FFFFFF

 267823

 7AC96E

 005E08

 95E588

 004600

 B2FFA3

 002F00

 CEFFBF

 001700

 EBFFDB

 000000

 FFFFF8

 43923C

 43923C

 36922D

 50924B

 28921F

 5E9259

 1B9210

 6B9268

 0D9202

 799276

 0C9200

 869285

 939294

 A192A2

 AE92B1

 BC92BF

# Harmonies

## Analogous

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



7E8817



43923C



00976C

# Triad

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



43923C



008DE1



D95466

# Complementary

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



43923C



8B3C92

# 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.



CF5597



43923C



5B7DDE

# Square

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



43923C



0095C9



A867C3



CB643A

# Rectangle

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



43923C



00988D



A867C3



D95276



# Sweetspot

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



43923C



9DBD9B



928B3C



4B5E4A



DEDEDE



5E5E5E



# Same Dimension

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



43923C



42BD37



3C9260



434A43



0B8A00



010A00



# Inverse Universe

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



8B3C92



B237BD



923C6E



49434A



7E008A



09000A



# Previews

## White Background



This preview shows how the Hex color 43923C looks on a white background.

## Color Contrast Check

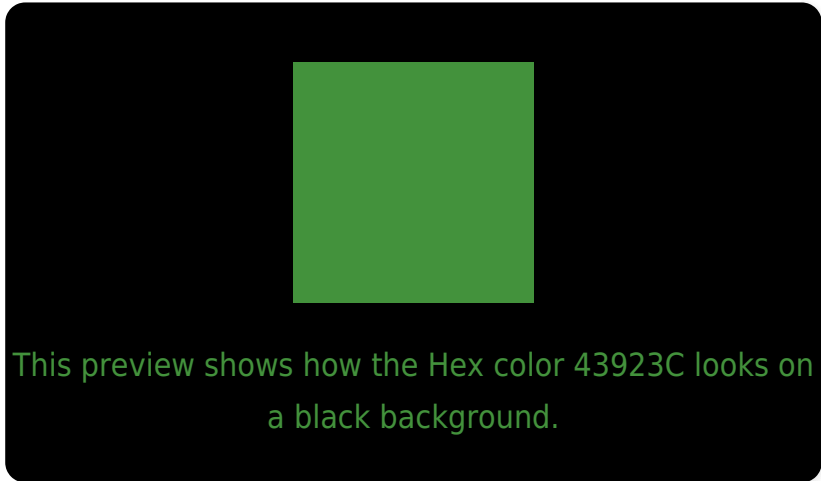
Large Text (above 18pt) WCAG AA ✓ Pass

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 43923C Background



This preview shows how black text looks on a background with the Hex color 43923C.



This preview shows how white text looks on a background with the Hex color 43923C.

# 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**  
43923C

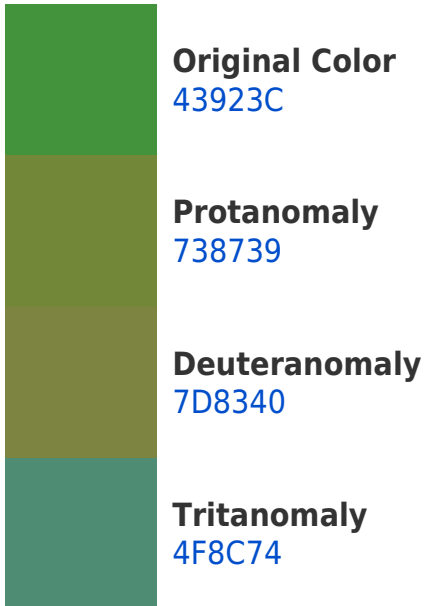
**Protanopia**  
8F8137

**Deuteranopia**  
9E7B43

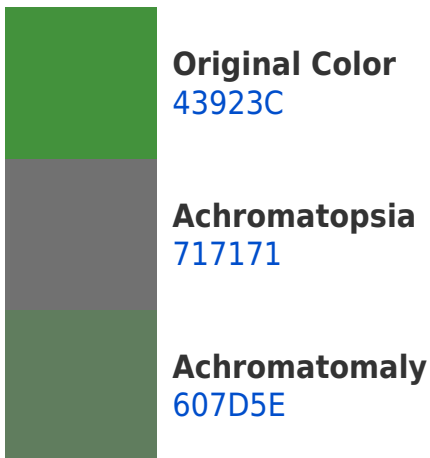


**Tritanopia**  
568994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43923C 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 #43923C looks like.

```
.text, #text, p{  
    color:#43923C  
}
```

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 #43923C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43923C
}
```

## Border

The CSS property to change the border of an element to Hex 43923C 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
#43923C }
```

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

```
.border{ border-color:#43923C }
```

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

Here you see how a box with a 4 pixel #43923C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43923C; -webkit-box-shadow:4px 4px  
4px 4px #43923C; box-shadow:4px 4px 4px  
4px #43923C }
```

# Background

The CSS property to change the background color of an element to Hex 43923C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43923C }
```

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

```
.background{ background-color:#43923C }
```

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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