

# Converting Colors

Hex(44903C)

Have a look what the booklet for  
Hex(44903C) contains.

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# Color

Hex(44903C)

# Conversions

## Conversions Part 1

Format	Color
Hex	44903C
RGB	68, 144, 60
RGB Percent	27%, 56%, 24%
CMY	0.7333, 0.4353, 0.7647
CMYK	0.53, 0.00, 0.58, 0.44
HSL	114°, 41%, 40%
HSV	114°, 58%, 56%
XYZ	13.1728, 21.5017, 7.7309
YIQ	111.7000, -18.3320, -42.2360

# Conversions

## Conversions Part 2

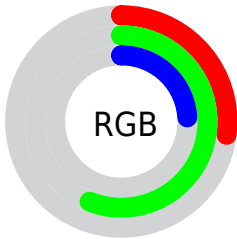
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 144, 136
Decimal	4493372
CIELab	53.49, -40.79, 37.00
CIELCh	53, 55.073, 137.791
Yxy	21.5017, 0.3106, 0.5071
Android (android.graphics.Color)	4282683452 (0xFF44903C)
YUV	111.7000, -25.4881, -38.3249
Hunter-Lab	46.3699, -30.4391, 22.5739

# Details

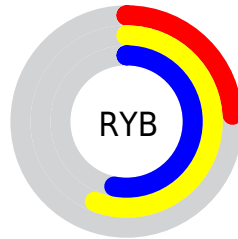
The Hex color **44903C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **883C90**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7AC76E**, and **005D08** is the 20% darker color. If you saturate the color by 10%, you get **37902E**, and if you desaturate by 10%, it is **51904A**.

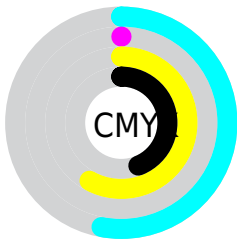
# Distribution



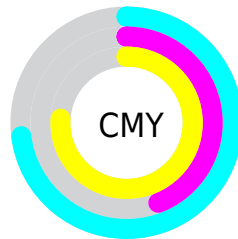
- Red (27%)
- Green (56%)
- Blue (24%)



- Red (24%)
- Yellow (56%)
- Blue (53%)



- Cyan (53%)
- Magenta (0%)
- Yellow (58%)
- Black (44%)



- Cyan (73%)
- Magenta (44%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44903C 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 44903C by changing the saturation by 10% instead.



 44903C

 44903C

FFFFFF

 277624

 7AC76E

 005D08

 96E388

 004400

 B2FFA3

 002D00

 CFFFBE

 001500

 ECFFDA


 000000

 FFFFF7

 44903C

 44903C


 37902E

 51904A

 2A901F

 5E9059

 1D9011

 6B9067

 109002

 789076

 0E9000

 859084

 929092

 9F90A1

 AC90AF

 B990BE

# Harmonies

## Analogous

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



7D8619



44903C



00956A

# Triad

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



44903C



008BDD



D65466

# Complementary

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



44903C



883C90

# 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.



CC5595



44903C



5A7BDB

# Square

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



44903C



0093C5



A667C0



C8633B

# Rectangle

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



44903C



00968B



A667C0



D55275



# Sweetspot

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



44903C



9CBA99



90883C



4C5E4A



DEDEDE



5E5E5E



# Same Dimension

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



44903C



44BA38



3C905E



414740



0D8700



010800



# Inverse Universe

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



883C90



AE38BA



903C6E



474047



7A0087



070008



# Previews

## White Background



This preview shows how the Hex color 44903C looks on a white background.

## Color Contrast Check

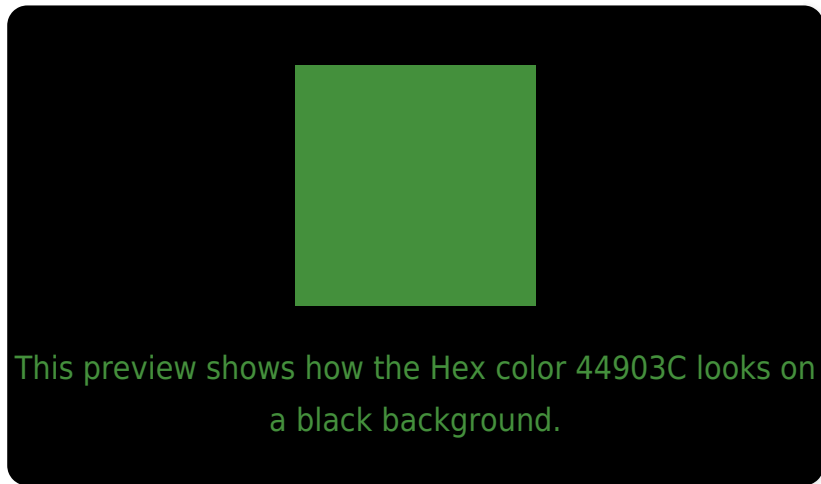
Large Text (above 18pt) WCAG AA ✓ Pass

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 44903C Background



This preview shows how black text looks on a background with the Hex color 44903C.

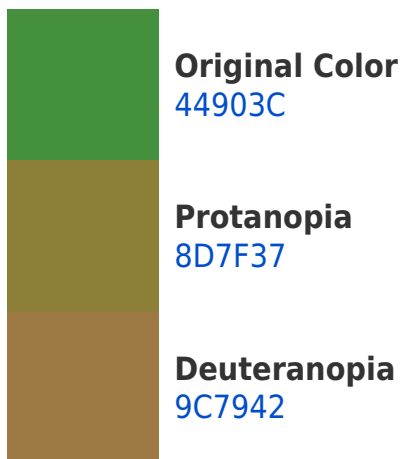


This preview shows how white text looks on a background with the Hex color 44903C.

# 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](#).

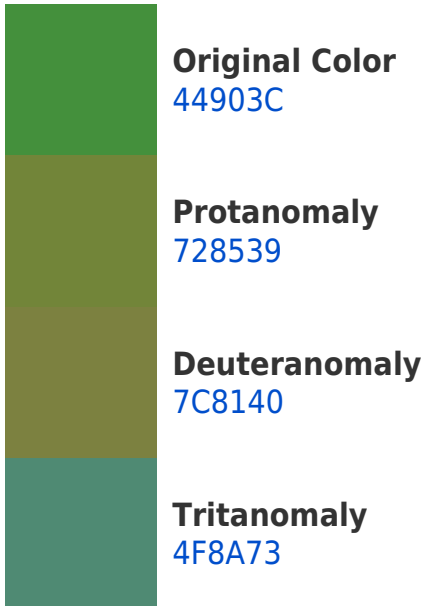
## Dichromacy



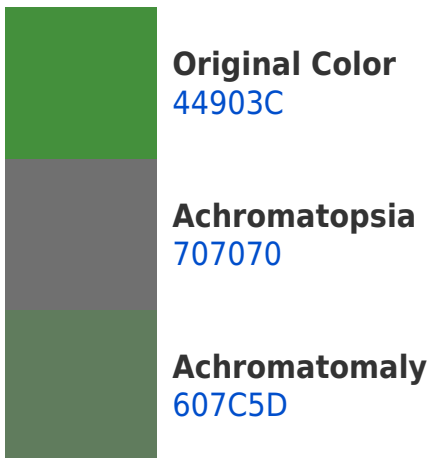


**Tritanopia**  
568792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44903C 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 #44903C looks like.

```
.text, #text, p{  
    color:#44903C  
}
```

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 #44903C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44903C
}
```

## Border

The CSS property to change the border of an element to Hex 44903C 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
#44903C }
```

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

```
.border{ border-color:#44903C }
```

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

Here you see how a box with a 4 pixel #44903C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44903C; -webkit-box-shadow:4px 4px  
4px 4px #44903C; box-shadow:4px 4px 4px  
4px #44903C }
```

# Background

The CSS property to change the background color of an element to Hex 44903C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44903C }
```

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

```
.background{ background-color:#44903C }
```

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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