

# Converting Colors

Hex(48923A)

Have a look what the booklet for  
Hex(48923A) contains.

<b>Hex(48923A)</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(48923A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	48923A
RGB	72, 146, 58
RGB Percent	28%, 57%, 23%
CMY	0.7176, 0.4275, 0.7725
CMYK	0.51, 0.00, 0.60, 0.43
HSL	110°, 43%, 40%
HSV	110°, 60%, 57%
XYZ	13.7151, 22.2410, 7.5731
YIQ	113.8420, -15.8560, -43.0560

# Conversions

## Conversions Part 2

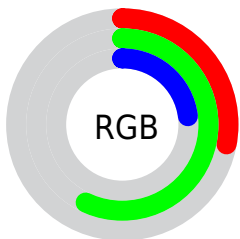
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 146, 132
Decimal	4756026
CIELab	54.28, -40.68, 38.93
CIELCh	54, 56.306, 136.265
Yxy	22.2410, 0.3151, 0.5109
Android (android.graphics.Color)	4282946106 (0xFF48923A)
YUV	113.8420, -27.5301, -36.6954
Hunter-Lab	47.1603, -30.6195, 23.4914

# Details


The Hex color **48923A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **843A92**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **7EC96C**, and **065F05** is the 20% darker color. If you saturate the color by 10%, you get **3C922B**, and if you desaturate by 10%, it is **549249**.

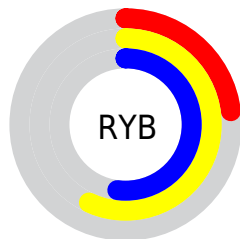
# Distribution



 Red (28%)

 Green (57%)

 Blue (23%)




 Red (23%)

 Yellow (57%)

 Blue (52%)

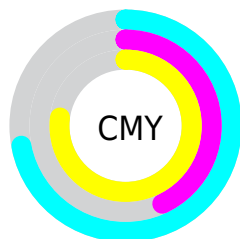



 Cyan (51%)


 Magenta (0%)

 Yellow (60%)

 Black (43%)



 Cyan (72%)

 Magenta (43%)

 Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48923A 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 48923A by changing the saturation by 10% instead.





48923A



48923A

FFFFFF



2C7821



7EC96C



065F05



9AE586



004600



B6FFA1



002F00



D3FFBD



001800



F0FFD9



000000



FFFFFF6



48923A



48923A



3C922B



549249

■ 2F921D

■ 619257

■ 23920E

■ 6D9266

■ 179200

■ 799274

■ 859283

■ 929292

■ 9E92A0

■ AA92AF

■ B692BD

# Harmonies

## Analogous

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



818816



48923A



009769

# Triad

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



48923A



008EE0



DA5469

# Complementary

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



48923A



843A92

# 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.



CE569A



48923A



557EE0

# Square

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



48923A



0096C7



A669C6



CD633D

# Rectangle

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



48923A



00998B



A669C6



D9527A



# Sweetspot

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



48923A



A0BD9B



92833A



4D5E4A



DEDEDE



5E5E5E



# Same Dimension

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



48923A



4ABD35



3A9257



444A43



168A00



020A00



# Inverse Universe

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



843A92



A735BD



923A75



49434A



74008A



09000A



# Previews

## White Background



This preview shows how the Hex color 48923A looks on a white background.

## Color Contrast Check

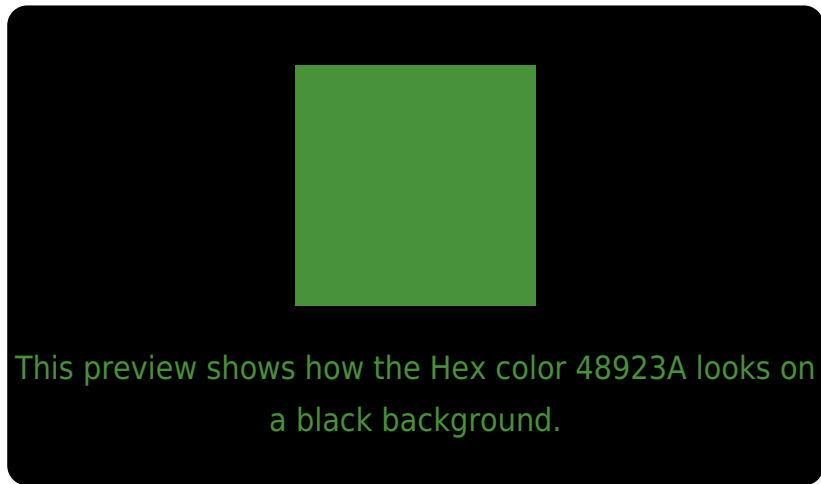
Large Text (above 18pt) WCAG AA ✓ Pass

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

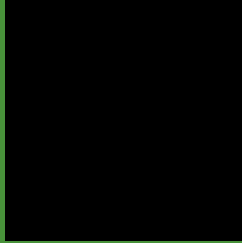
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 48923A Background



This preview shows how black text looks on a background with the Hex color 48923A.



This preview shows how white text looks on a background with the Hex color 48923A.

# 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**  
48923A

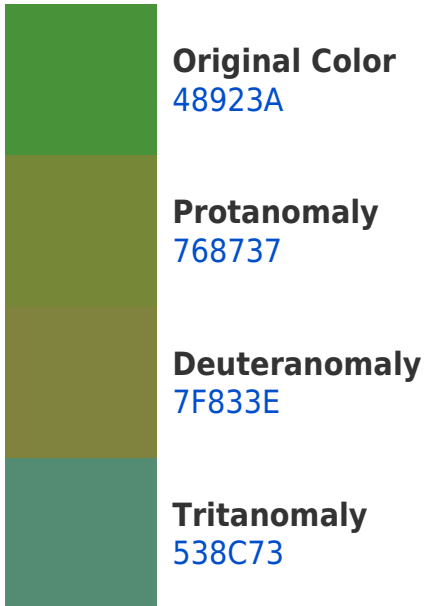
**Protanopia**  
908135

**Deuteranopia**  
9F7B41

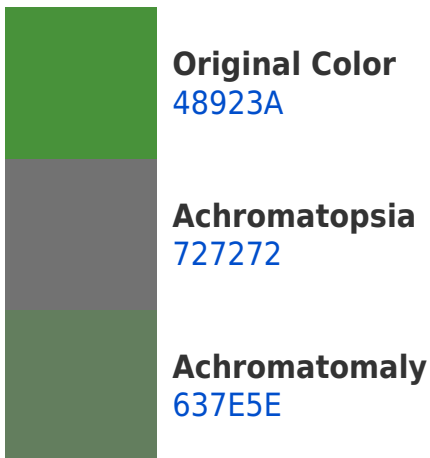


**Tritanopia**  
5A8994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48923A 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 #48923A looks like.

```
.text, #text, p{  
    color:#48923A  
}
```

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 #48923A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48923A
}
```

## Border

The CSS property to change the border of an element to Hex 48923A 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
#48923A }
```

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

```
.border{ border-color:#48923A }
```

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

Here you see how a box with a 4 pixel #48923A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48923A; -webkit-box-shadow:4px 4px  
4px 4px #48923A; box-shadow:4px 4px 4px  
4px #48923A }
```

# Background

The CSS property to change the background color of an element to Hex 48923A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48923A }
```

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

```
.background{ background-color:#48923A }
```

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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