

# Converting Colors

Hex(49843A)

Have a look what the booklet for  
Hex(49843A) contains.

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# Color

Hex(49843A)

# Conversions

## Conversions Part 1

Format	Color
Hex	49843A
RGB	73, 132, 58
RGB Percent	29%, 52%, 23%
CMY	0.7137, 0.4824, 0.7725
CMYK	0.45, 0.00, 0.56, 0.48
HSL	108°, 39%, 37%
HSV	108°, 56%, 52%
XYZ	11.7626, 18.2245, 6.9007
YIQ	105.9230, -11.4100, -35.5220

# Conversions

## Conversions Part 2

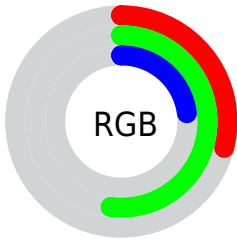
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 132, 117
Decimal	4817978
CIELab	49.77, -34.31, 33.65
CIELCh	50, 48.060, 135.556
Yxy	18.2245, 0.3189, 0.4941
Android (android.graphics.Color)	4283008058 (0xFF49843A)
YUV	105.9230, -23.6260, -28.8735
Hunter-Lab	42.6901, -25.5247, 20.2991

# Details

The Hex color **49843A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **753A84**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7EBA6B**, and **125209** is the 20% darker color. If you saturate the color by 10%, you get **3E842D**, and if you desaturate by 10%, it is **548447**.

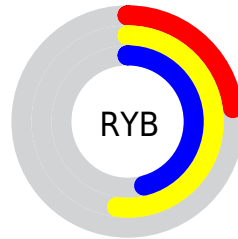
# Distribution



Red (29%)

Green (52%)

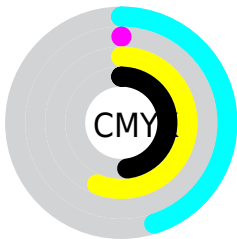
Blue (23%)



Red (23%)

Yellow (52%)

Blue (46%)

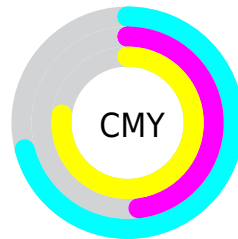


Cyan (45%)

Magenta (0%)

Yellow (56%)

Black (48%)



Cyan (71%)

Magenta (48%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49843A 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 49843A by changing the saturation by 10% instead.





49843A



49843A

FFFFFF



2F6A22



7EBA6B



125209



99D685



003A00



B4F2A0



002500



D1FFBB



000000



EDFFD7



FFFFF4



49843A



49843A



3E842D



548447

 348420

 5E8454

 298412

 698462

 1F8405

 73846F

 1B8400

 7E847C

 888489

 938496

 9D84A4

 A884B1

# Harmonies

## Analogous

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



787B20



49843A



008961

# Triad

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



49843A



0080C5



C15263

# Complementary

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



49843A



753A84

# 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.



B7548C



49843A



5274C5

# Square

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



49843A



0088B0



9462B0



B75D3E

# Rectangle

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



49843A



008A7D



9462B0



C05070



# Sweetspot

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



49843A



94AB8E



84743A



495745



D6D6D6



575757



# Same Dimension

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



49843A



50AB38



3A844F



3D423C



1A8200



010300



# Inverse Universe

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



753A84



9438AB



843A6F



413C42



680082



020003



# Previews

## White Background



This preview shows how the Hex color 49843A looks on a white background.

## Color Contrast Check

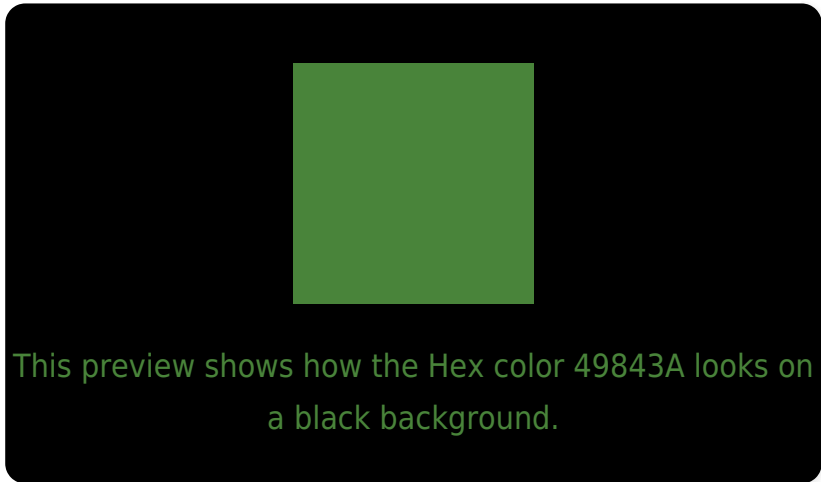
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

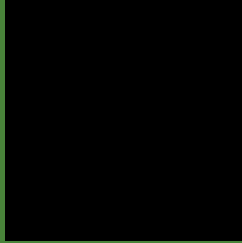
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 49843A Background



This preview shows how black text looks on a background with the Hex color 49843A.



This preview shows how white text looks on a background with the Hex color 49843A.

# 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**  
577C86

# Trichromacy



**Original Color**  
49843A

**Protanomaly**  
6E7B37

**Deuteranomaly**  
76773D

**Tritanomaly**  
527F6A

# Monochromacy



**Original Color**  
49843A

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
5E7359

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49843A 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 #49843A looks like.

```
.text, #text, p{  
    color:#49843A  
}
```

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 #49843A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49843A
}
```

## Border

The CSS property to change the border of an element to Hex 49843A 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
#49843A }
```

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

```
.border{ border-color:#49843A }
```

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

Here you see how a box with a 4 pixel #49843A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49843A; -webkit-box-shadow:4px 4px  
4px 4px #49843A; box-shadow:4px 4px 4px  
4px #49843A }
```

# Background

The CSS property to change the background color of an element to Hex 49843A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49843A }
```

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

```
.background{ background-color:#49843A }
```

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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