

# Converting Colors

Hex(7A9443)

Have a look what the booklet for  
Hex(7A9443) contains.

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**Color**

**Hex(7A9443)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A9443
RGB	122, 148, 67
RGB Percent	48%, 58%, 26%
CMY	0.5216, 0.4196, 0.7373
CMYK	0.18, 0.00, 0.55, 0.42
HSL	79°, 38%, 42%
HSV	79°, 55%, 58%
XYZ	19.6291, 25.7226, 9.2406
YIQ	130.9920, 10.5050, -30.7030

# Conversions

## Conversions Part 2

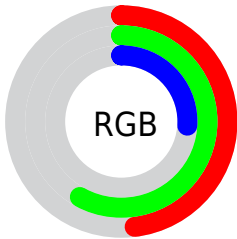
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 148, 93
Decimal	8033347
CIELab	57.77, -22.44, 39.30
CIElCh	58, 45.259, 119.725
Yxy	25.7226, 0.3596, 0.4712
Android (android.graphics.Color)	4286223427 (0xFF7A9443)
YUV	130.9920, -31.5481, -7.8860
Hunter-Lab	50.7175, -19.6712, 24.6998

# Details

The Hex color **7A9443** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5D4394**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B0CA75**, and **476111** is the 20% darker color. If you saturate the color by 10%, you get **759434**, and if you desaturate by 10%, it is **7F9452**.

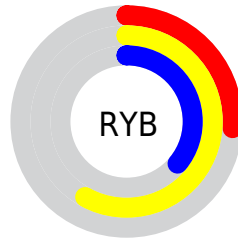
# Distribution



Red (48%)

Green (58%)

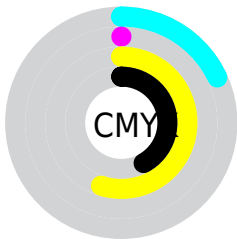
Blue (26%)



Red (26%)

Yellow (58%)

Blue (36%)

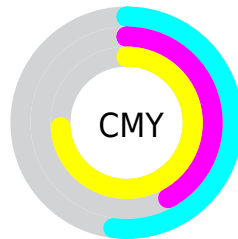


Cyan (18%)

Magenta (0%)

Yellow (55%)

Black (42%)



Cyan (52%)

Magenta (42%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A9443 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 7A9443 by changing the saturation by 10% instead.



 7A9443

 7A9443

FFFFFF

 607A2A

 B0CA75

 476111

 CCE690

 2E4900

 E9FFAB

 163300

 FFFFC6

 001F00

 FFFF E3

 000000

 7A9443

 7A9443

 759434

 7F9452

 709425

 849461

 6C9417

 88946F

 679408

 8D947E

 649400

 92948D

 97949C

 9B94AB

 A094B9

 A594C8

# Harmonies

## Analogous

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



A28939



7A9443



469B61

# Triad

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



7A9443



0099CE



D2698D

# Complementary

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



7A9443



5D4394

# 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.



BB71B3



7A9443



3D8FDA

# Square

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



7A9443



009EB1



8C81D0



D36D66

# Rectangle

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



7A9443



009E7B



8C81D0



CD6A9A



# Sweetspot

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



7A9443



B5BFA1



945D43



5B614E



E0E0E0



616161



# Same Dimension

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



7A9443



97BF41



529443



484A43



5E8A00



070A00



# Inverse Universe

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



5D4394



6A41BF



854394



45434A



2C008A



03000A



# Previews

## White Background



This preview shows how the Hex color 7A9443 looks on a white background.

## Color Contrast Check

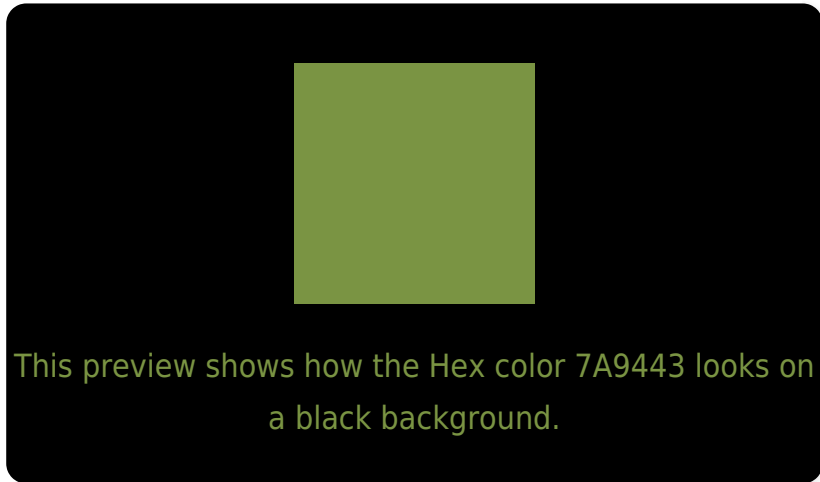
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A9443 Background



This preview shows how black text looks on a background with the Hex color 7A9443.

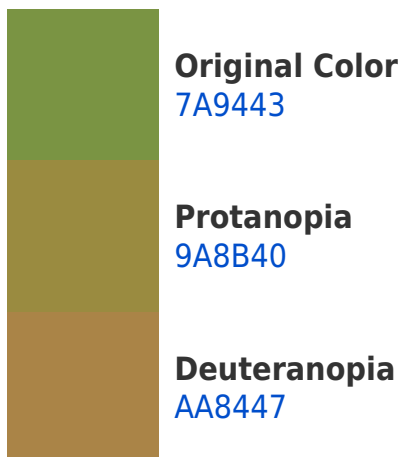


This preview shows how white text looks on a background with the Hex color 7A9443.

# 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**  
848B96

# Trichromacy



**Original Color**  
7A9443

**Protanomaly**  
8E8E41

**Deuteranomaly**  
998A46

**Tritanomaly**  
808E78

# Monochromacy



**Original Color**  
7A9443

**Achromatopsia**  
838383

**Achromatomaly**  
80896C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A9443 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 #7A9443 looks like.

```
.text, #text, p{  
    color:#7A9443  
}
```

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 #7A9443 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A9443
}
```

## Border

The CSS property to change the border of an element to Hex 7A9443 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
#7A9443 }
```

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

```
.border{ border-color:#7A9443 }
```

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

Here you see how a box with a 4 pixel #7A9443 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A9443; -webkit-box-shadow:4px 4px  
4px 4px #7A9443; box-shadow:4px 4px 4px  
4px #7A9443 }
```

# Background

The CSS property to change the background color of an element to Hex 7A9443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A9443 }
```

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

```
.background{ background-color:#7A9443 }
```

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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