

# Converting Colors

Hex(7C9436)

Have a look what the booklet for  
Hex(7C9436) contains.

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**Color**

**Hex(7C9436)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C9436
RGB	124, 148, 54
RGB Percent	49%, 58%, 21%
CMY	0.5137, 0.4196, 0.7882
CMYK	0.16, 0.00, 0.64, 0.42
HSL	75°, 47%, 40%
HSV	75°, 64%, 58%
XYZ	19.5679, 25.7312, 7.4253
YIQ	130.1080, 15.8700, -34.3220

# Conversions

## Conversions Part 2

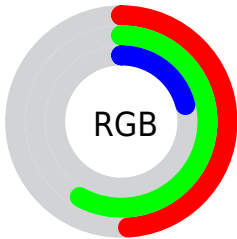
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 148, 78
Decimal	8164406
CIELab	57.78, -22.78, 45.50
CIELCh	58, 50.883, 116.600
Yxy	25.7312, 0.3711, 0.4880
Android (android.graphics.Color)	4286354486 (0xFF7C9436)
YUV	130.1080, -37.5212, -5.3567
Hunter-Lab	50.7260, -19.9127, 26.8293

# Details

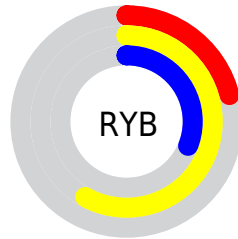
The Hex color **7C9436** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4E3694**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B3CA69**, and **486100** is the 20% darker color. If you saturate the color by 10%, you get **789427**, and if you desaturate by 10%, it is **809445**.

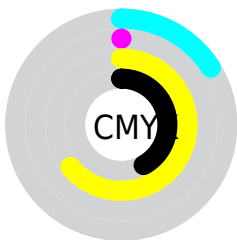
# Distribution



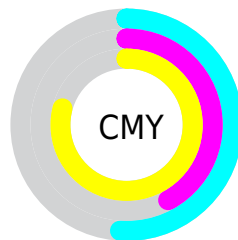
- Red (49%)
- Green (58%)
- Blue (21%)



- Red (21%)
- Yellow (58%)
- Blue (31%)



- Cyan (16%)
- Magenta (0%)
- Yellow (64%)
- Black (42%)



- Cyan (51%)
- Magenta (42%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C9436 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 7C9436 by changing the saturation by 10% instead.





7C9436



7C9436

FFFFFF



627A1C



B3CA69



486100



CFE683



304900



ECFF9E



153300



FFFFBA



001F00



FFFFD6



000000



FFFFF3



7C9436



7C9436



789427



809445

 749418

 849454

 71940A

 879462

 6E9400

 8B9471

 8F9480

 93948F

 96949E

 9A94AC

 9E94BB

# Harmonies

## Analogous

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



A8872D



7C9436



429C58

# Triad

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



7C9436



009CD4



D96392

# Complementary

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



7C9436



4E3694

# 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.



BC6FBC



7C9436



0091E4

# Square

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



7C9436



00A0B1



8481DB



DB6766

# Rectangle

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



7C9436



009F75



8481DB



D266A1



# Sweetspot

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



7C9436



B6BF9B



944E36



5B614B



E0E0E0



616161



# Same Dimension

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



7C9436



9ABF2E



4E9436



484A43



678A00



080A00



# Inverse Universe

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



4E3694



532EBF



7D3694



44434A



23008A



03000A



# Previews

## White Background



This preview shows how the Hex color 7C9436 looks on a white background.

## Color Contrast Check

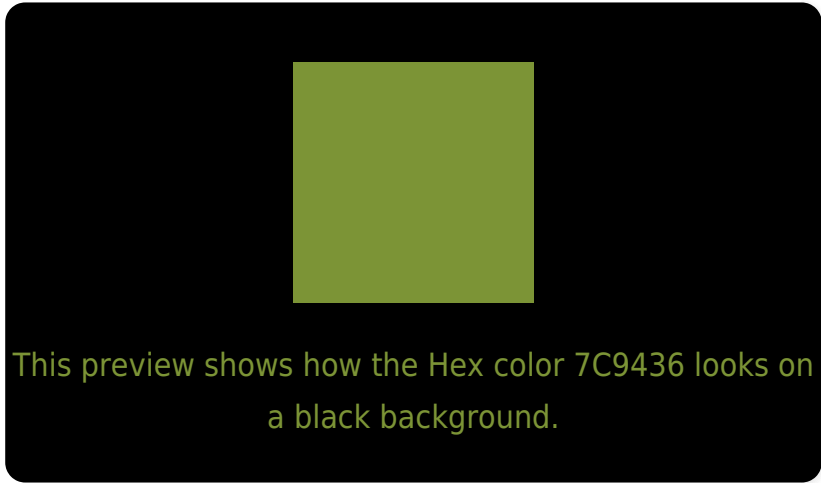
Large Text (above 18pt) WCAG AA ✓ Pass

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

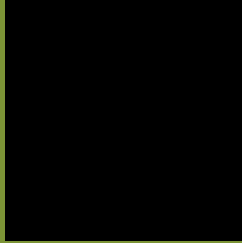
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7C9436 Background



This preview shows how black text looks on a background with the Hex color 7C9436.



This preview shows how white text looks on a background with the Hex color 7C9436.

# 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**  
7C9436

**Protanopia**  
9B8B33

**Deuteranopia**  
AC843B



**Tritanopia**  
878B96

# Trichromacy



**Original Color**  
7C9436

**Protanomaly**  
908E34

**Deuteranomaly**  
9B8A39

**Tritanomaly**  
838E73

# Monochromacy



**Original Color**  
7C9436

**Achromatopsia**  
828282

**Achromatomaly**  
808966

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C9436 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 #7C9436 looks like.

```
.text, #text, p{  
    color:#7C9436  
}
```

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 #7C9436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C9436
}
```

## Border

The CSS property to change the border of an element to Hex 7C9436 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
#7C9436 }
```

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

```
.border{ border-color:#7C9436 }
```

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

Here you see how a box with a 4 pixel #7C9436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C9436; -webkit-box-shadow:4px 4px  
4px 4px #7C9436; box-shadow:4px 4px 4px  
4px #7C9436 }
```

# Background

The CSS property to change the background color of an element to Hex 7C9436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C9436 }
```

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

```
.background{ background-color:#7C9436 }
```

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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