

# Converting Colors

Hex(71844C)

Have a look what the booklet for  
Hex(71844C) contains.

<b>Hex(71844C)</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(71844C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	71844C
RGB	113, 132, 76
RGB Percent	44%, 52%, 30%
CMY	0.5569, 0.4824, 0.7020
CMYK	0.14, 0.00, 0.42, 0.48
HSL	80°, 27%, 41%
HSV	80°, 42%, 52%
XYZ	16.3658, 20.5350, 9.9386
YIQ	119.9350, 6.6520, -21.4440

# Conversions

## Conversions Part 2

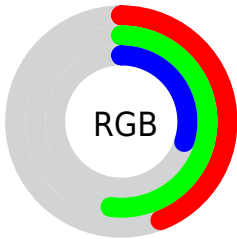
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 132, 95
Decimal	7439436
CIELab	52.44, -16.82, 27.94
CIELCh	52, 32.616, 121.046
Yxy	20.5350, 0.3494, 0.4384
Android (android.graphics.Color)	4285629516 (0xFF71844C)
YUV	119.9350, -21.6600, -6.0820
Hunter-Lab	45.3156, -14.8367, 18.7175

# Details

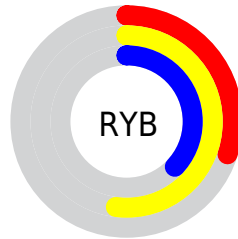
The Hex color **71844C** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5F4C84**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A6B97E**, and **40521E** is the 20% darker color. If you saturate the color by 10%, you get **6D843F**, and if you desaturate by 10%, it is **758459**.

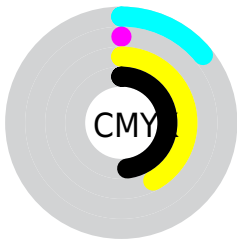
# Distribution



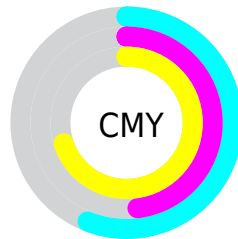
- Red (44%)
- Green (52%)
- Blue (30%)



- Red (30%)
- Yellow (52%)
- Blue (37%)



- Cyan (14%)
- Magenta (0%)
- Yellow (42%)
- Black (48%)



- Cyan (56%)
- Magenta (48%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71844C 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 71844C by changing the saturation by 10% instead.



 71844C

 71844C

FFFFFF

 586B34

 A6B97E

 40521E

 C1D598

 283B06

 DDF1B3

 132500

 FAFFCF

 001000

 FFFFEB

 000000

 71844C

 71844C

 6D843F

 758459

 688432

 7A8466

■ 648424

■ 7E8474

■ 5F8417

■ 838481

■ 5B840A

■ 87848E

■ 578400

■ 8C849B

■ 9084A8

■ 9584B6

■ 9984C3

# Harmonies

## Analogous

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



8E7C44



71844C



4F8961

# Triad

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



71844C



1487AD



B1677D

# Complementary

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



71844C



5F4C84

# 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.



A16C99



71844C



5480B5

# Square

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



71844C



008B99



8175AD



B26A62

# Rectangle

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



71844C



338B73



8175AD



AE6887



# Sweetspot

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



71844C



A3AB95



845F4C



525749



D6D6D6



575757



# Same Dimension

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



71844C



8DAB54



55844C



40423C



568200



020300



# Inverse Universe

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



5F4C84



7154AB



7B4C84



3E3C42



2C0082



010003



# Previews

## White Background



This preview shows how the Hex color 71844C looks on a white background.

## Color Contrast Check

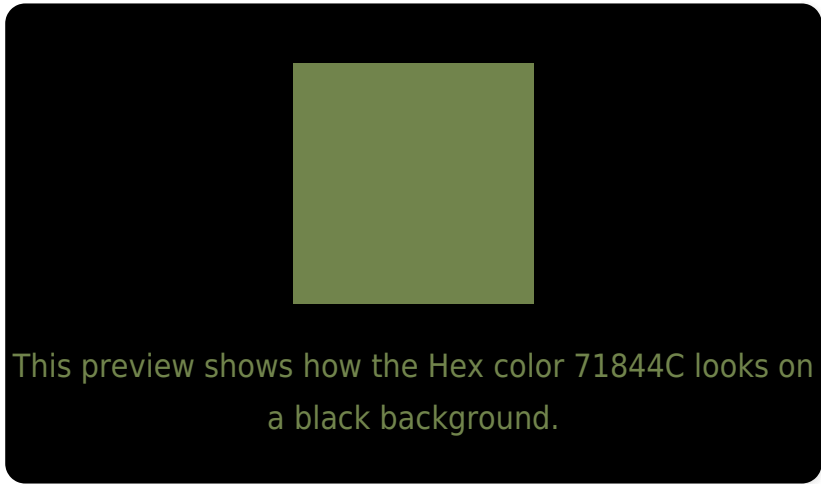
Large Text (above 18pt) WCAG AA ✓ Pass

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

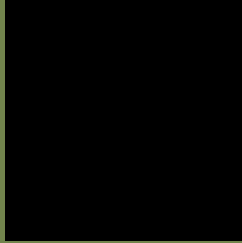
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 71844C Background



This preview shows how black text looks on a background with the Hex color 71844C.



This preview shows how white text looks on a background with the Hex color 71844C.

# 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**  
71844C

**Protanopia**  
897D49

**Deuteranopia**  
97774F

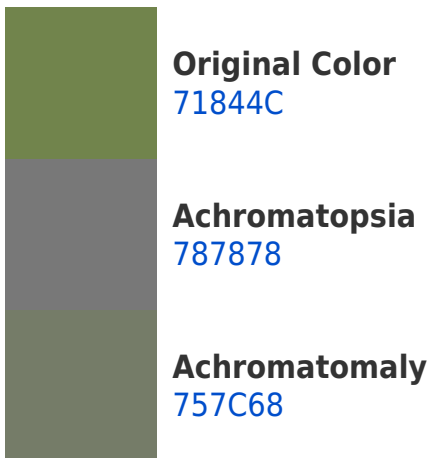


**Tritanopia**  
797D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71844C 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 #71844C looks like.

```
.text, #text, p{  
    color:#71844C  
}
```

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 #71844C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71844C
}
```

## Border

The CSS property to change the border of an element to Hex 71844C 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
#71844C }
```

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

```
.border{ border-color:#71844C }
```

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

Here you see how a box with a 4 pixel #71844C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71844C; -webkit-box-shadow:4px 4px  
4px 4px #71844C; box-shadow:4px 4px 4px  
4px #71844C }
```

# Background

The CSS property to change the background color of an element to Hex 71844C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71844C }
```

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

```
.background{ background-color:#71844C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor