

# Converting Colors

Hex(68814C)

Have a look what the booklet for  
Hex(68814C) contains.

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**Color**

**Hex(68814C)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 68814C                     |
| RGB           | 104, 129, 76               |
| RGB Percent   | 41%, 51%, 30%              |
| CMY           | 0.5922, 0.4941, 0.7020     |
| CMYK          | 0.19, 0.00, 0.41, 0.49     |
| HSL           | 88°, 26%, 40%              |
| HSV           | 88°, 41%, 51%              |
| XYZ           | 14.8637, 19.1654, 9.7534   |
| YIQ           | 115.4830, 2.1130, -21.7830 |

# Conversions

## Conversions Part 2

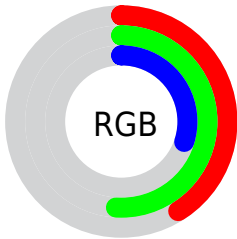
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 76, 129, 101                    |
| Decimal                             | 6848844                         |
| CIELab                              | 50.88, -18.90, 25.82            |
| CIElCh                              | 51, 31.998, 126.195             |
| Yxy                                 | 19.1654, 0.3395,<br>0.4377      |
| Android<br>(android.graphics.Color) | 4285038924<br>(0xFF68814C)      |
| YUV                                 | 115.4830, -19.4651,<br>-10.0706 |
| Hunter-Lab                          | 43.7783, -16.0073,<br>17.4356   |

# Details

The Hex color **68814C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **654C81**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9CB67E**, and **37501E** is the 20% darker color. If you saturate the color by 10%, you get **62813F**, and if you desaturate by 10%, it is **6E8159**.

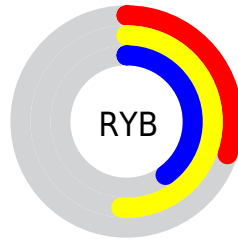
# Distribution



Red (41%)

Green (51%)

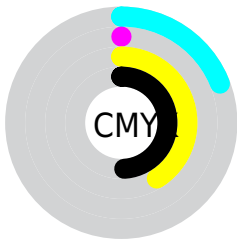
Blue (30%)



Red (30%)

Yellow (51%)

Blue (40%)

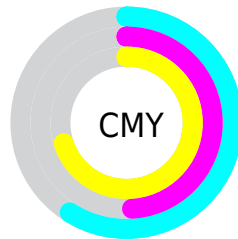


Cyan (19%)

Magenta (0%)

Yellow (41%)

Black (49%)



Cyan (59%)

Magenta (49%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68814C 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 68814C by changing the saturation by 10% instead.





68814C



68814C

FFFFFF



4F6835



9CB67E



37501E



B7D298



203907



D3EEB3



0A2300



F0FFCE



000600



FFFFEB



000000



68814C



68814C



62813F



6E8159



5C8132



748166

■ 568125

■ 7A8173

■ 508118

■ 808180

■ 4A810B

■ 86818C

■ 448100

■ 8D8199

■ 9381A6

■ 9981B3

■ 9F81C0

# Harmonies

## Analogous

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



857942



68814C



468662

# Triad

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



68814C



2082AA



AD6374

# Complementary

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



68814C



654C81

# 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.



A06790



68814C



5A7AAF

# Square

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



68814C



008699



8370A5



AB675A

# Rectangle

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



68814C



298775



8370A5



AA647E



# Sweetspot

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



68814C



9FA894



81654C



4F5448



D4D4D4



545454



# Same Dimension

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



68814C



81A856



4E814C



3D4039



438000



000000



# Inverse Universe

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



654C81



7D56A8



7F4C81



3C3940



3C0080



000000



# Previews

## White Background



This preview shows how the Hex color 68814C looks on a white background.

## Color Contrast Check

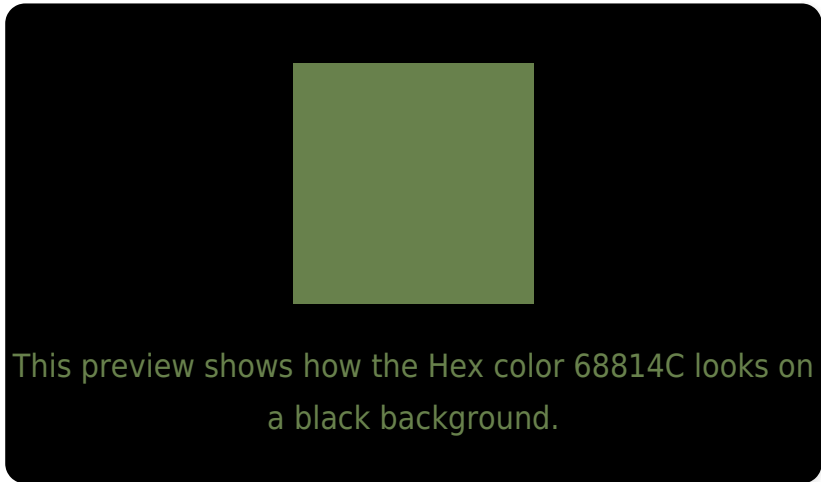
Large Text (above 18pt) WCAG AA ✓ Pass

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

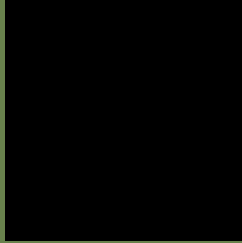
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 68814C Background



This preview shows how black text looks on a background with the Hex color 68814C.



This preview shows how white text looks on a background with the Hex color 68814C.

# 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**  
68814C

**Protanopia**  
847949

**Deuteranopia**  
91744F



**Tritanopia**  
707A84

# Trichromacy



**Original Color**  
68814C

**Protanomaly**  
7A7C4A

**Deuteranomaly**  
82794E

**Tritanomaly**  
6D7D70

# Monochromacy



**Original Color**  
68814C

**Achromatopsia**  
737373

**Achromatomaly**  
6F7865

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68814C 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 #68814C looks like.

```
.text, #text, p{  
    color:#68814C  
}
```

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 #68814C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68814C
}
```

## Border

The CSS property to change the border of an element to Hex 68814C 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".

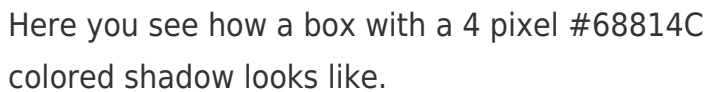
```
.border, #border, table{ border:4px solid
#68814C }
```

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

```
.border{ border-color:#68814C }
```

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

Here you see how a box with a 4 pixel #68814C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68814C; -webkit-box-shadow:4px 4px  
4px 4px #68814C; box-shadow:4px 4px 4px  
4px #68814C }
```

# Background

The CSS property to change the background color of an element to Hex 68814C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68814C }
```

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

```
.background{ background-color:#68814C }
```

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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