

Converting Colors

Hex(50804C)

Have a look what the booklet for
Hex(50804C) contains.

Hex(50804C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(50804C)

Conversions

Conversions Part 1

Format	Color
Hex	50804C
RGB	80, 128, 76
RGB Percent	31%, 50%, 30%
CMY	0.6863, 0.4980, 0.7020
CMYK	0.38, 0.00, 0.41, 0.50
HSL	115°, 25%, 40%
HSV	115°, 41%, 50%
XYZ	12.3319, 17.6656, 9.5973
YIQ	107.7200, -11.9160, -26.3480

Conversions

Conversions Part 2

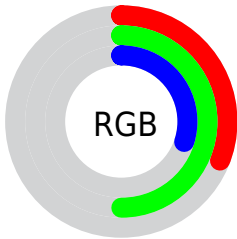
Format	Color
R_{YB}	76, 128, 124
Decimal	5275724
CIE _{Lab}	49.09, -27.43, 23.21
CIE _{LCh}	49, 35.932, 139.757
Yxy	17.6656, 0.3115, 0.4462
Android (android.graphics.Color)	4283465804 (0xFF50804C)
YUV	107.7200, -15.6380, -24.3104
Hunter-Lab	42.0305, -21.1806, 15.8830

Details

The Hex color **50804C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7C4C80**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **83B57E**, and **1E4E1E** is the 20% darker color. If you saturate the color by 10%, you get **44803F**, and if you desaturate by 10%, it is **5C8059**.

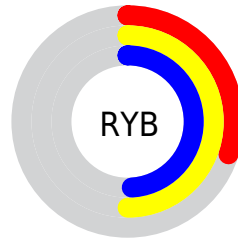
Distribution



Red (31%)

Green (50%)

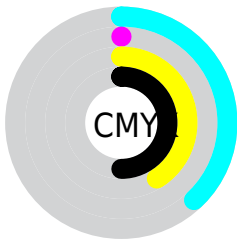
Blue (30%)



Red (30%)

Yellow (50%)

Blue (49%)

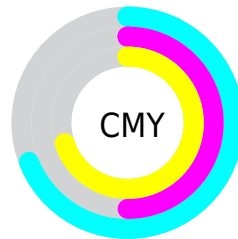


Cyan (38%)

Magenta (0%)

Yellow (41%)

Black (50%)



Cyan (69%)

Magenta (50%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50804C 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 50804C by changing the saturation by 10% instead.

■ 50804C

■ 50804C

FFFFFF

■ 376735

■ 83B57E

■ 1E4E1E

■ 9ED198

■ 033708

■ BAEDB3

■ 002200

■ D6FFCE

■ 000000

■ F2FFEA

■ 50804C

■ 50804C

■ 44803F

■ 5C8059

■ 388032

■ 688066

 2D8026

 738072

 218019

 7F807F

 15800C

 8B808C

 0A8000

 978099

 A380A6

 AF80B2

 BA80BF

Harmonies

Analogous

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



737939



50804C



1B8469

Triad

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



50804C



257BB0



AF5C62

Complementary

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



50804C



7C4C80

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.



A85D80



50804C



6771AE

Square

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



50804C



0081A2



90659C



A56447

Rectangle

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



50804C



00847E



90659C



AE5B6C

Sweetspot

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



50804C



93A692



807C4C



495448



D4D4D4



545454

Same Dimension

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



50804C



5BA655



4C8062



3A4039



0A8000



000000

Inverse Universe

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



7C4C80



A055A6



804C6A



3F3940



760080



000000

Previews

White Background



This preview shows how the Hex color 50804C looks on a white background.

Color Contrast Check

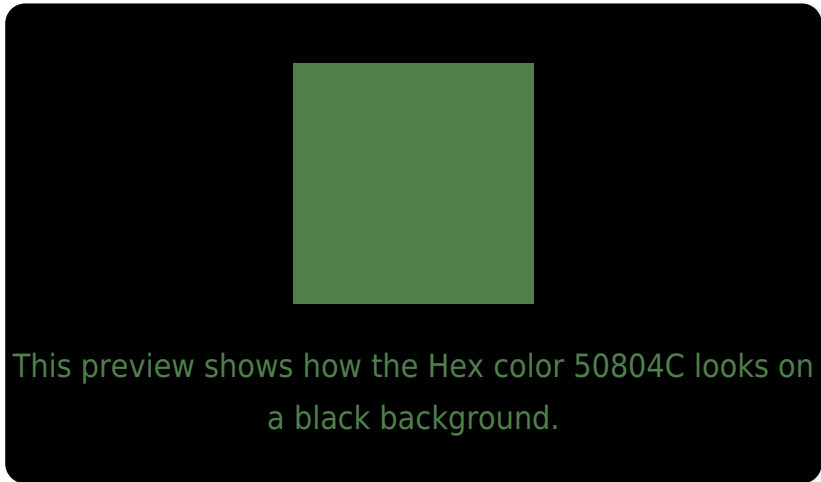
Large Text (above 18pt) WCAG AA ✓ Pass

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

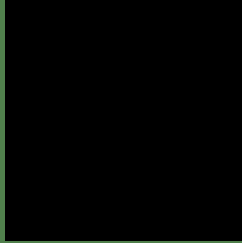
Any Text WCAG AA ✓ Pass

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 50804C Background



This preview shows how black text looks on a background with the Hex color 50804C.



This preview shows how white text looks on a background with the Hex color 50804C.

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
50804C

Protanopia
7F7447

Deuteranopia
8B6F50



Tritanopia
5A7983

Trichromacy



Original Color
50804C

Protanomaly
6E7849

Deuteranomaly
76754F

Tritanomaly
567C6F

Monochromacy



Original Color
50804C

Achromatopsia
6C6C6C

Achromatomaly
627360

CSS Examples

Text

The CSS property to change the color of the text to Hex 50804C 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 #50804C looks like.

```
.text, #text, p{  
    color:#50804C  
}
```

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 #50804C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50804C  
}
```

Border

The CSS property to change the border of an element to Hex 50804C 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  
#50804C }
```

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

```
.border{ border-color:#50804C }
```

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

Here you see how a box with a 4 pixel #50804C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50804C; -webkit-box-shadow:4px 4px  
4px 4px #50804C; box-shadow:4px 4px 4px  
4px #50804C }
```

Background

The CSS property to change the background color of an element to Hex 50804C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50804C }
```

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

```
.background{ background-color:#50804C }
```

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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