

# Converting Colors

Hex(4C7371)

Have a look what the booklet for  
Hex(4C7371) contains.

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# Color

**Hex(4C7371)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C7371
RGB	76, 115, 113
RGB Percent	30%, 45%, 44%
CMY	0.7020, 0.5490, 0.5569
CMYK	0.34, 0.00, 0.02, 0.55
HSL	177°, 20%, 37%
HSV	177°, 34%, 45%
XYZ	12.0919, 14.9902, 17.8789
YIQ	103.1110, -22.6020, -8.8900

# Conversions

## Conversions Part 2

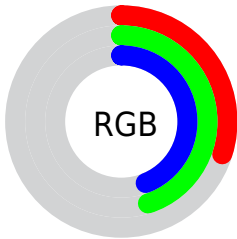
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 96, 115
Decimal	5010289
CIELab	45.62, -14.14, -3.28
CIElCh	46, 14.510, 193.050
Yxy	14.9902, 0.2689, 0.3334
Android (android.graphics.Color)	4283200369 (0xFF4C7371)
YUV	103.1110, 4.8753, -23.7763
Hunter-Lab	38.7172, -12.0074, -0.2770

# Details

The Hex color **4C7371** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **734C4E**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **7FA7A5**, and **1C4341** is the 20% darker color. If you saturate the color by 10%, you get **407370**, and if you desaturate by 10%, it is **587372**.

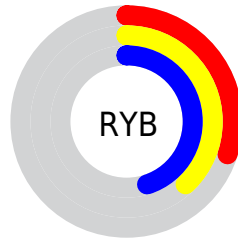
# Distribution



Red (30%)

Green (45%)

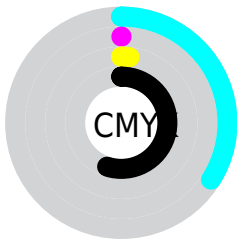
Blue (44%)



Red (30%)

Yellow (38%)

Blue (45%)

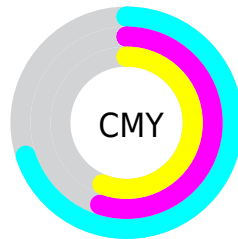


Cyan (34%)

Magenta (0%)

Yellow (2%)

Black (55%)



Cyan (70%)

Magenta (55%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C7371 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 4C7371 by changing the saturation by 10% instead.





4C7371



4C7371

FFFFFF



345A59



7FA7A5



1C4341



99C2C0



022C2B



B4DEDC



001917



D0FBF8



000000



EDFFFF



4C7371



4C7371



407370



587372



357370



637372

■ 29736F

■ 6F7373

■ 1E736F

■ 7A7373

■ 12736E

■ 867374

■ 07736D

■ 917375

■ 00736D

■ 9C7375

■ A87376

■ B47376

# Harmonies

## Analogous

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



557265



4C7371



4C727C

# Triad

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



4C7371



75677E



7C6955

# Complementary

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



4C7371



734C4E

# 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.



83655C



4C7371



806473

# Square

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



4C7371



656B83



856367



706D54

# Rectangle

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



4C7371



517081



856367



7F6857



# Sweetspot

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



4C7371



879696



4F734C



434D4C



CCCCCC



4D4D4D



# Same Dimension

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



4C7371



599693



4C6273



353B3A



007A74



00FAED



# Inverse Universe

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



734C4E



96595C



735D4C



3B3535



7A0006



FA000D



# Previews

## White Background



This preview shows how the Hex color 4C7371 looks on a white background.

## Color Contrast Check

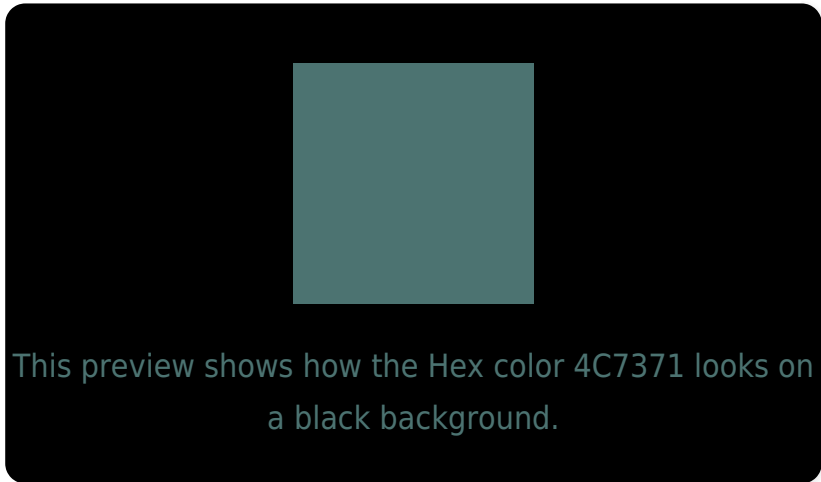
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

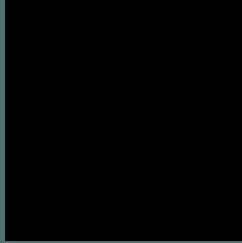
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C7371 Background



This preview shows how black text looks on a background with the Hex color 4C7371.

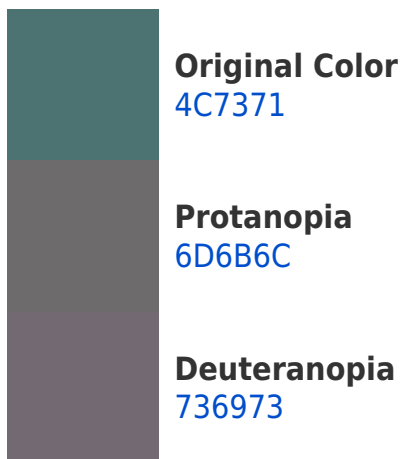


This preview shows how white text looks on a background with the Hex color 4C7371.

# 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](#).

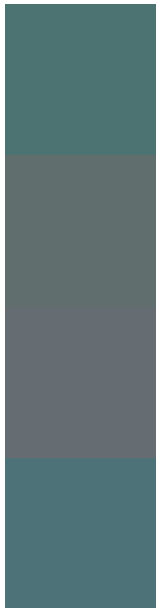
## Dichromacy





**Tritanopia**  
4E727B

# Trichromacy



**Original Color**  
4C7371

**Protanomaly**  
616E6E

**Deuteranomaly**  
656D72

**Tritanomaly**  
4D7277

# Monochromacy



**Original Color**  
4C7371

**Achromatopsia**  
676767

**Achromatomaly**  
5D6B6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C7371 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 #4C7371 looks like.

```
.text, #text, p{  
    color:#4C7371  
}
```

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 #4C7371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7371  
}
```

## Border

The CSS property to change the border of an element to Hex 4C7371 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  
#4C7371 }
```

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

```
.border{ border-color:#4C7371 }
```

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

Here you see how a box with a 4 pixel #4C7371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7371; -webkit-box-shadow:4px 4px  
4px 4px #4C7371; box-shadow:4px 4px 4px  
4px #4C7371 }
```

# Background

The CSS property to change the background color of an element to Hex 4C7371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7371 }
```

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

```
.background{ background-color:#4C7371 }
```

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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