

# Converting Colors

Hex(4C7050)

Have a look what the booklet for  
Hex(4C7050) contains.

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# Color

Hex(4C7050)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C7050
RGB	76, 112, 80
RGB Percent	30%, 44%, 31%
CMY	0.7020, 0.5608, 0.6863
CMYK	0.32, 0.00, 0.29, 0.56
HSL	127°, 19%, 37%
HSV	127°, 32%, 44%
XYZ	10.2226, 13.7040, 9.6958
YIQ	97.5880, -11.1840, -17.5840

# Conversions

## Conversions Part 2

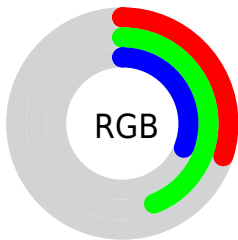
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 108, 112
Decimal	5009488
CIELab	43.81, -20.00, 13.80
CIElCh	44, 24.301, 145.391
Yxy	13.7040, 0.3040, 0.4076
Android (android.graphics.Color)	4283199568 (0xFF4C7050)
YUV	97.5880, -8.6709, -18.9327
Hunter-Lab	37.0190, -15.4911, 10.3844

# Details

The Hex color **4C7050** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **704C6C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7EA481**, and **1D4023** is the 20% darker color. If you saturate the color by 10%, you get **417046**, and if you desaturate by 10%, it is **57705A**.

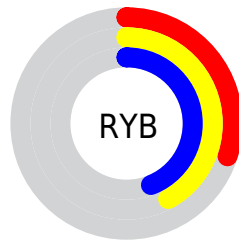
# Distribution



Red (30%)

Green (44%)

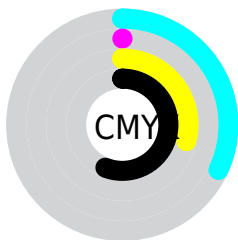
Blue (31%)



Red (30%)

Yellow (42%)

Blue (44%)

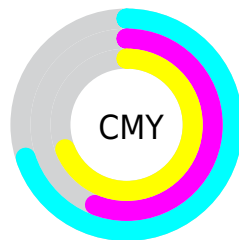


Cyan (32%)

Magenta (0%)

Yellow (29%)

Black (56%)



Cyan (70%)

Magenta (56%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C7050 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 4C7050 by changing the saturation by 10% instead.



 4C7050

 4C7050

FFFFFF

 345739

 7EA481

 1D4023

 98BF9B

 062A0E

 B3DBB6

 001600


 CFF8D2

 000000

 EBFEE

 4C7050

 4C7050

 417046

 57705A

 36703C

 627064

 2A7032

 6E706E

 1F7028

 797078

 14701E

 847082

 097014

 8F708C

 00700C

 9A7096

 A670A0

 B170AA

# Harmonies

## Analogous

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



636C43



4C7050



337264

# Triad

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



4C7050



466A8F



8F5957

# Complementary

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



4C7050



704C6C

# 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.



8C586B



4C7050



66638C

# Square

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



4C7050



277088



7E5C7F



875E47

# Rectangle

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



4C7050



247272



7E5C7F



8F585E



# Sweetspot

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



4C7050



839184



6C704C



414A42



C9C9C9



4A4A4A



# Same Dimension

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



4C7050



59915F



4C7062



323833



00780D



00F71B



# Inverse Universe

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



704C6C



91598B



704C5A



383237



78006B



F700DC



# Previews

## White Background



This preview shows how the Hex color 4C7050 looks on a white background.

## Color Contrast Check

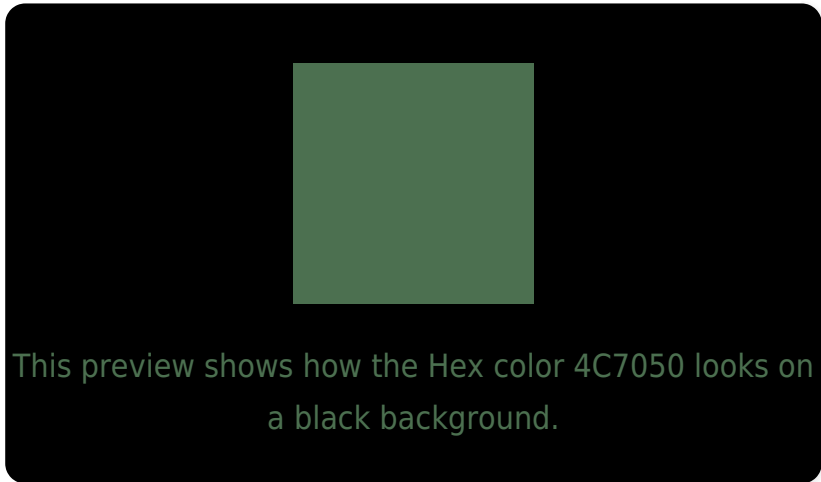
Large Text (above 18pt) WCAG AA ✓ Pass

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

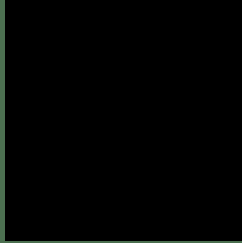
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C7050 Background



This preview shows how black text looks on a background with the Hex color 4C7050.



This preview shows how white text looks on a background with the Hex color 4C7050.

# 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**  
4C7050

**Protanopia**  
6F674C

**Deuteranopia**  
786353



**Tritanopia**  
536B74

# Trichromacy



**Original Color**  
4C7050

**Protanomaly**  
626A4D

**Deuteranomaly**  
686852

**Tritanomaly**  
506D67

# Monochromacy



**Original Color**  
4C7050

**Achromatopsia**  
626262

**Achromatomaly**  
5A675B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C7050 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 #4C7050 looks like.

```
.text, #text, p{  
    color:#4C7050  
}
```

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 #4C7050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7050
}
```

## Border

The CSS property to change the border of an element to Hex 4C7050 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
#4C7050 }
```

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

```
.border{ border-color:#4C7050 }
```

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

Here you see how a box with a 4 pixel #4C7050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7050; -webkit-box-shadow:4px 4px  
4px 4px #4C7050; box-shadow:4px 4px 4px  
4px #4C7050 }
```

# Background

The CSS property to change the background color of an element to Hex 4C7050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7050 }
```

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

```
.background{ background-color:#4C7050 }
```

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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