

# Converting Colors

Hex(4C7D61)

Have a look what the booklet for  
Hex(4C7D61) contains.

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# Color

Hex(4C7D61)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C7D61
RGB	76, 125, 97
RGB Percent	30%, 49%, 38%
CMY	0.7020, 0.5098, 0.6196
CMYK	0.39, 0.00, 0.22, 0.51
HSL	146°, 24%, 39%
HSV	146°, 39%, 49%
XYZ	12.4718, 17.0668, 13.9462
YIQ	107.1570, -20.2160, -19.0960

# Conversions

## Conversions Part 2

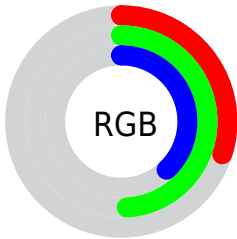
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 110, 125
Decimal	5012833
CIELab	48.34, -23.27, 10.12
CIELCh	48, 25.374, 156.489
Yxy	17.0668, 0.2868, 0.3925
Android (android.graphics.Color)	4283202913 (0xFF4C7D61)
YUV	107.1570, -5.0074, -27.3247
Hunter-Lab	41.3120, -18.4082, 8.9032

# Details

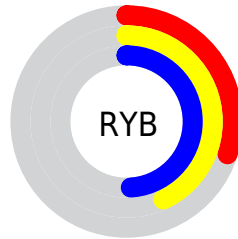
The Hex color **4C7D61** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D4C68**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7FB294**, and **1B4C33** is the 20% darker color. If you saturate the color by 10%, you get **407D5A**, and if you desaturate by 10%, it is **597D68**.

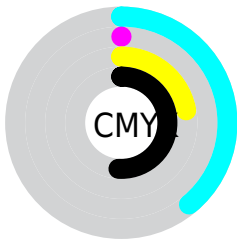
# Distribution



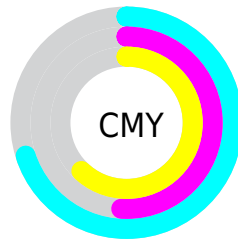
- Red (30%)
- Green (49%)
- Blue (38%)



- Red (30%)
- Yellow (43%)
- Blue (49%)



- Cyan (39%)
- Magenta (0%)
- Yellow (22%)
- Black (51%)



- Cyan (70%)
- Magenta (51%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C7D61 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 4C7D61 by changing the saturation by 10% instead.





4C7D61



4C7D61

FFFFFF



336449



7FB294



1B4C33



99CEAE



00351D



B5EACA



002005



D1FFE6



000000



EDFFFF



4C7D61



4C7D61



407D5A



597D68



337D53



657D6F

■ 277D4C

■ 727D76

■ 1A7D44

■ 7E7D7E

■ 0E7D3D

■ 8B7D85

■ 017D36

■ 977D8C

■ 007D36

■ A47D93

■ B07D9A

■ BC7DA1

# Harmonies

## Analogous

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



667950



4C7D61



337E77

# Triad

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



4C7D61



5D739D



9B655A

# Complementary

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



4C7D61



7D4C68

# 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.



9C626F



4C7D61



7C6C95

# Square

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



4C7D61



3B7A9A



926584



906C4C

# Rectangle

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



4C7D61



277E85



926584



9D6461



# Sweetspot

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



4C7D61



90A398



697D4C



46524B



D1D1D1



525252



# Same Dimension

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



4C7D61



56A377



4C7D79



39403C



008037



000000



# Inverse Universe

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



7D4C68



A35682



7D4C50



40393D



800049

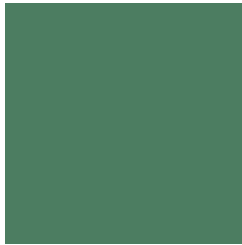


000000



# Previews

## White Background



This preview shows how the Hex color 4C7D61 looks on a white background.

## Color Contrast Check

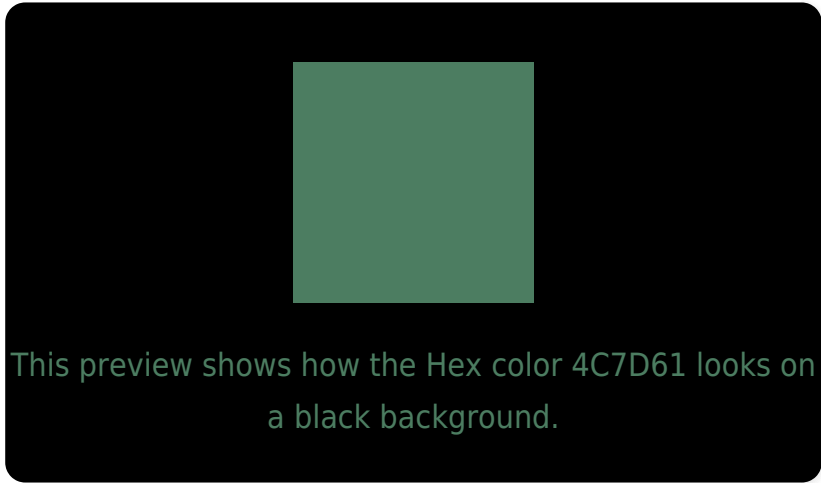
Large Text (above 18pt) WCAG AA ✓ Pass

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

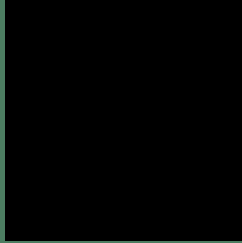
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C7D61 Background



This preview shows how black text looks on a background with the Hex color 4C7D61.



This preview shows how white text looks on a background with the Hex color 4C7D61.

# 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**  
4C7D61

**Protanopia**  
79725C

**Deuteranopia**  
826E64



# Trichromacy



**Original Color**  
4C7D61

**Protanomaly**  
69765E

**Deuteranomaly**  
6E7363

**Tritanomaly**  
507A76

# Monochromacy



**Original Color**  
4C7D61

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
607267

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C7D61 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 #4C7D61 looks like.

```
.text, #text, p{  
    color:#4C7D61  
}
```

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 #4C7D61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7D61
}
```

## Border

The CSS property to change the border of an element to Hex 4C7D61 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
#4C7D61 }
```

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

```
.border{ border-color:#4C7D61 }
```

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

Here you see how a box with a 4 pixel #4C7D61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7D61; -webkit-box-shadow:4px 4px  
4px 4px #4C7D61; box-shadow:4px 4px 4px  
4px #4C7D61 }
```

# Background

The CSS property to change the background color of an element to Hex 4C7D61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7D61 }
```

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

```
.background{ background-color:#4C7D61 }
```

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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