

# Converting Colors

Hex(4A7A71)

Have a look what the booklet for  
Hex(4A7A71) contains.

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# Color

Hex(4A7A71)

# Conversions

## Conversions Part 1

Format	Color
Hex	4A7A71
RGB	74, 122, 113
RGB Percent	29%, 48%, 44%
CMY	0.7098, 0.5216, 0.5569
CMYK	0.39, 0.00, 0.07, 0.52
HSL	169°, 24%, 38%
HSV	169°, 39%, 48%
XYZ	12.7642, 16.5672, 18.1478
YIQ	106.6220, -25.7190, -12.9750

# Conversions

## Conversions Part 2

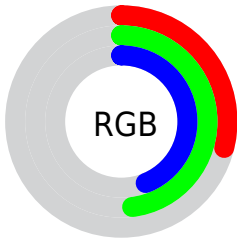
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 100, 122
Decimal	4881009
CIE <sub>Lab</sub>	47.71, -18.56, -0.22
CIE <sub>LCh</sub>	48, 18.565, 180.681
Yxy	16.5672, 0.2688, 0.3489
Android (android.graphics.Color)	4283071089 (0xFF4A7A71)
YUV	106.6220, 3.1444, -28.6095
Hunter-Lab	40.7028, -15.2531, 2.0568

# Details

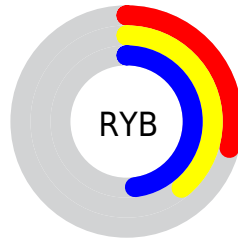
The Hex color **4A7A71** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A4A53**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7DAFA5**, and **184941** is the 20% darker color. If you saturate the color by 10%, you get **3E7A6F**, and if you desaturate by 10%, it is **567A73**.

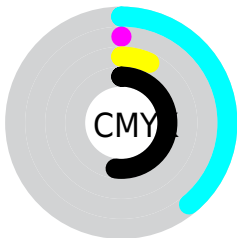
# Distribution



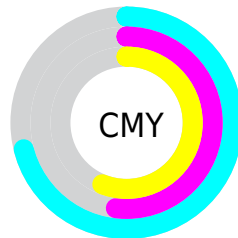
- Red (29%)
- Green (48%)
- Blue (44%)



- Red (29%)
- Yellow (39%)
- Blue (48%)



- Cyan (39%)
- Magenta (0%)
- Yellow (7%)
- Black (52%)



- Cyan (71%)
- Magenta (52%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A7A71 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 4A7A71 by changing the saturation by 10% instead.





4A7A71



4A7A71

FFFFFF



316159



7DAFA5



184941



98CAC0



00322B



B3E6DC



001E17



CFFFF8



000000



EBFFFF



4A7A71



4A7A71



3E7A6F



567A73



327A6C



627A76

■ 257A6A

■ 6F7A78

■ 197A68

■ 7B7A7A

■ 0D7A66

■ 877A7C

■ 017A63

■ 937A7F

■ 007A63

■ 9F7A81

■ AC7A83

■ B87A86

# Harmonies

## Analogous

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



5A7861



4A7A71



437981

# Triad

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



4A7A71



746D8C



8A6B56

# Complementary

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



4A7A71



7A4A53

# 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.



916762



4A7A71



866881

# Square

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



4A7A71



5E7290



906671



7C7052

# Rectangle

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



4A7A71



477889



906671



8D695A



# Sweetspot

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



4A7A71



8B9E9B



547A4A



444F4D



CFCFCF



4F4F4F



# Same Dimension

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



4A7A71



549E90



4A6C7A



373D3C



007D66



00FCCD



# Inverse Universe

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



7A4A53



9E5462



7A584A



3D3738



7D0017



FC002F



# Previews

## White Background



This preview shows how the Hex color 4A7A71 looks on a white background.

## Color Contrast Check

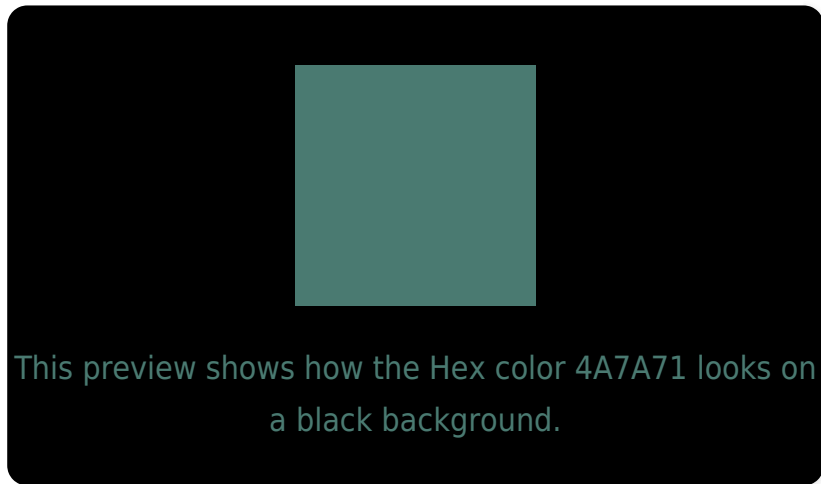
Large Text (above 18pt) WCAG AA ✓ Pass

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

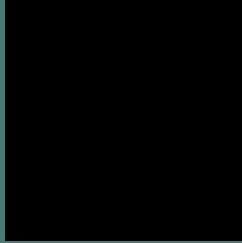
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A7A71 Background



This preview shows how black text looks on a background with the Hex color 4A7A71.

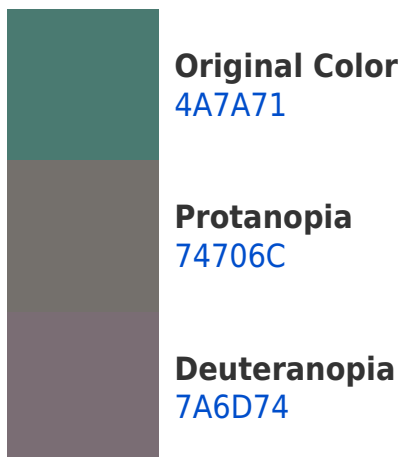


This preview shows how white text looks on a background with the Hex color 4A7A71.

# 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](#).

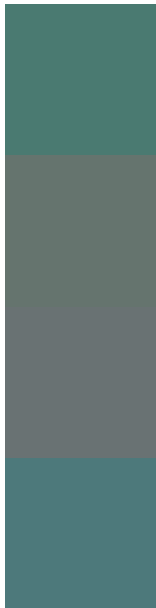
## Dichromacy





**Tritanopia**  
4E7881

# Trichromacy



**Original Color**  
4A7A71

**Protanomaly**  
65746E

**Deuteranomaly**  
697273

**Tritanomaly**  
4D797B

# Monochromacy



**Original Color**  
4A7A71

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
5F706D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A7A71 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 #4A7A71 looks like.

```
.text, #text, p{  
    color:#4A7A71  
}
```

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 #4A7A71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7A71
}
```

## Border

The CSS property to change the border of an element to Hex 4A7A71 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
#4A7A71 }
```

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

```
.border{ border-color:#4A7A71 }
```

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

Here you see how a box with a 4 pixel #4A7A71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7A71; -webkit-box-shadow:4px 4px  
4px 4px #4A7A71; box-shadow:4px 4px 4px  
4px #4A7A71 }
```

# Background

The CSS property to change the background color of an element to Hex 4A7A71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7A71 }
```

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

```
.background{ background-color:#4A7A71 }
```

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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