

# Converting Colors

Hex(4A7D58)

Have a look what the booklet for  
Hex(4A7D58) contains.

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# Color

Hex(4A7D58)

# Conversions

## Conversions Part 1

Format	Color
Hex	4A7D58
RGB	74, 125, 88
RGB Percent	29%, 49%, 35%
CMY	0.7098, 0.5098, 0.6549
CMYK	0.41, 0.00, 0.30, 0.51
HSL	136°, 26%, 39%
HSV	136°, 41%, 49%
XYZ	11.9191, 16.8277, 11.8524
YIQ	105.5330, -18.5190, -22.3190

# Conversions

## Conversions Part 2

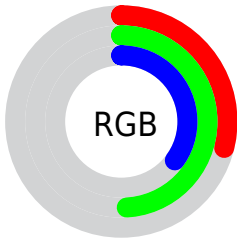
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 114, 125
Decimal	4881752
CIELab	48.04, -25.78, 14.92
CIELCh	48, 29.784, 149.931
Yxy	16.8277, 0.2936, 0.4145
Android (android.graphics.Color)	4283071832 (0xFF4A7D58)
YUV	105.5330, -8.6438, -27.6544
Hunter-Lab	41.0215, -19.9232, 11.5844

# Details

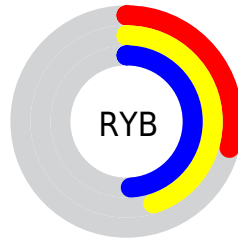
The Hex color **4A7D58** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D4A6F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7DB28A**, and **184C2A** is the 20% darker color. If you saturate the color by 10%, you get **3E7D4F**, and if you desaturate by 10%, it is **577D61**.

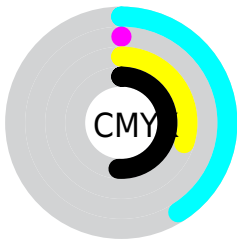
# Distribution



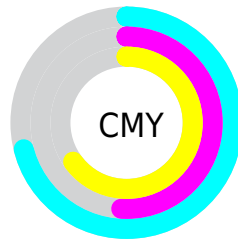
- Red (29%)
- Green (49%)
- Blue (35%)



- Red (29%)
- Yellow (45%)
- Blue (49%)



- Cyan (41%)
- Magenta (0%)
- Yellow (30%)
- Black (51%)



- Cyan (71%)
- Magenta (51%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A7D58 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 4A7D58 by changing the saturation by 10% instead.





4A7D58



4A7D58

FFFFFF



316441



7DB28A



184C2A



98CEA4



003415



B3EAC0



002000



CFFFD8



000000



EBFF8



4A7D58



4A7D58



3E7D4F



577D61



317D46



637D6A

■ 257D3D

■ 707D73

■ 187D34

■ 7C7D7C

■ 0C7D2B

■ 897D85

■ 007D22

■ 957D8E

■ A27D97

■ AE7DA1

■ BB7DAA

# Harmonies

## Analogous

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



687845



4A7D58



247F71

# Triad

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



4A7D58



4C75A4



A2605A

# Complementary

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



4A7D58



7D4A6F

# 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.



A15E73



4A7D58



756C9E

# Square

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



4A7D58



177B9D



91638C



966847

# Rectangle

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



4A7D58



007F82



91638C



A35F62



# Sweetspot

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



4A7D58



90A395



6F7D4A



465249



D1D1D1



525252



# Same Dimension

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



4A7D58



53A369



4A7D71



39403B



008023



000000



# Inverse Universe

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



7D4A6F



A3538D



7D4A56



40393E



80005C

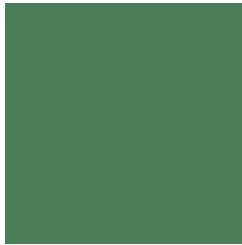


000000



# Previews

## White Background



This preview shows how the Hex color 4A7D58 looks on a white background.

## Color Contrast Check

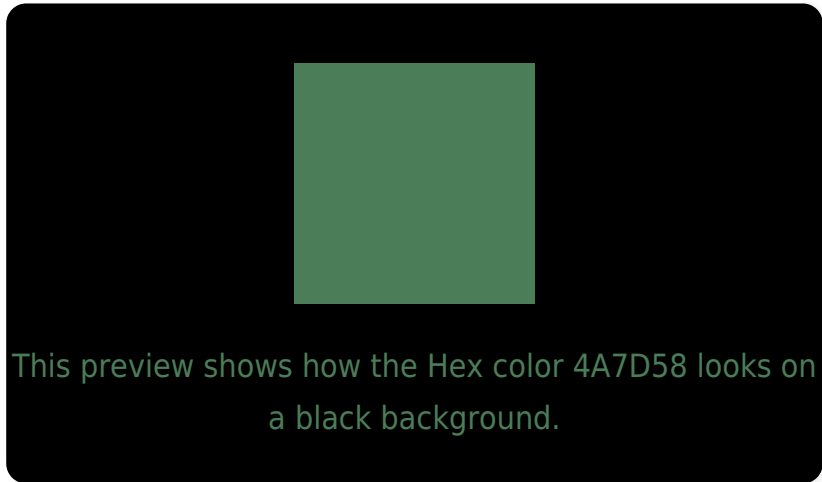
Large Text (above 18pt) WCAG AA ✓ Pass

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 4A7D58 Background



This preview shows how black text looks on a background with the Hex color 4A7D58.



This preview shows how white text looks on a background with the Hex color 4A7D58.

# 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**  
4A7D58

**Protanopia**  
7A7153

**Deuteranopia**  
846D5B



**Tritanopia**  
537881

# Trichromacy



**Original Color**  
4A7D58

**Protanomaly**  
697555

**Deuteranomaly**  
6F735A

**Tritanomaly**  
507A72

# Monochromacy



**Original Color**  
4A7D58

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
5E7163

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A7D58 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 #4A7D58 looks like.

```
.text, #text, p{  
    color:#4A7D58  
}
```

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 #4A7D58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7D58
}
```

## Border

The CSS property to change the border of an element to Hex 4A7D58 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".

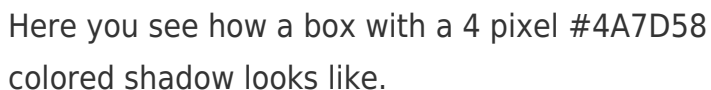
```
.border, #border, table{ border:4px solid
#4A7D58 }
```

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

```
.border{ border-color:#4A7D58 }
```

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

Here you see how a box with a 4 pixel #4A7D58 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7D58; -webkit-box-shadow:4px 4px  
4px 4px #4A7D58; box-shadow:4px 4px 4px  
4px #4A7D58 }
```

# Background

The CSS property to change the background color of an element to Hex 4A7D58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7D58 }
```

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

```
.background{ background-color:#4A7D58 }
```

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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