

Converting Colors

Hex(4A7D57)

Have a look what the booklet for
Hex(4A7D57) contains.

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Color

Hex(4A7D57)

Conversions

Conversions Part 1

Format	Color
Hex	4A7D57
RGB	74, 125, 87
RGB Percent	29%, 49%, 34%
CMY	0.7098, 0.5098, 0.6588
CMYK	0.41, 0.00, 0.30, 0.51
HSL	135°, 26%, 39%
HSV	135°, 41%, 49%
XYZ	11.8780, 16.8112, 11.6357
YIQ	105.4190, -18.1980, -22.6300

Conversions

Conversions Part 2

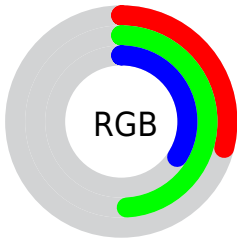
Format	Color
RYB	74, 115, 125
Decimal	4881751
CIELab	48.02, -25.97, 15.47
CIELCh	48, 30.233, 149.218
Yxy	16.8112, 0.2946, 0.4169
Android (android.graphics.Color)	4283071831 (0xFF4A7D57)
YUV	105.4190, -9.0806, -27.5545
Hunter-Lab	41.0015, -20.0418, 11.8753

Details

The Hex color **4A7D57** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D4A70**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7DB289**, and **184C29** is the 20% darker color. If you saturate the color by 10%, you get **3E7D4E**, and if you desaturate by 10%, it is **577D60**.

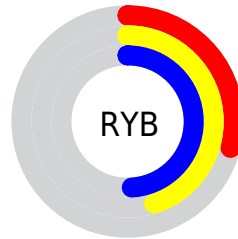
Distribution



Red (29%)

Green (49%)

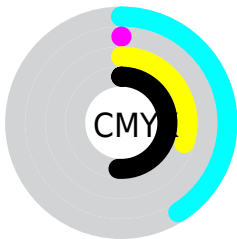
Blue (34%)



Red (29%)

Yellow (45%)

Blue (49%)

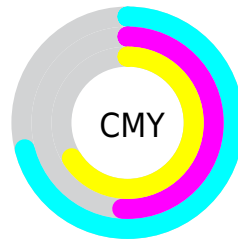


Cyan (41%)

Magenta (0%)

Yellow (30%)

Black (51%)



Cyan (71%)

Magenta (51%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A7D57 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 4A7D57 by changing the saturation by 10% instead.



4A7D57



4A7D57

FFFFFF



316440



7DB289



184C29



98CEA3



003414



B3EABE



002000



CFFFDA



000000



EBFFF7



4A7D57



4A7D57



3E7D4E



577D60



317D44



637D6A

 257D3B

 707D73

 187D32

 7C7D7C

 0C7D28

 897D86

 007D20

 957D8F

 A27D98

 AE7DA2

 BB7DAB

Harmonies

Analogous

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



697844



4A7D57



237F70

Triad

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



4A7D57



4A75A5



A2605A

Complementary

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



4A7D57



7D4A70

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.



A15E74



4A7D57



746C9E

Square

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



4A7D57



107B9D



91638C



976747

Rectangle

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



4A7D57



007F82



91638C



A35E62

Sweetspot

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



4A7D57



90A395



707D4A



465249



D1D1D1



525252

Same Dimension

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



4A7D57



53A368



4A7D70



39403B



008020



000000

Inverse Universe

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



7D4A70



A3538F



7D4A57



40393E



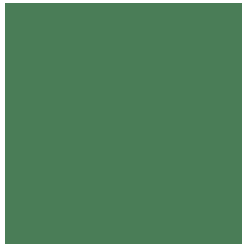
80005F



000000

Previews

White Background



This preview shows how the Hex color 4A7D57 looks on a white background.

Color Contrast Check

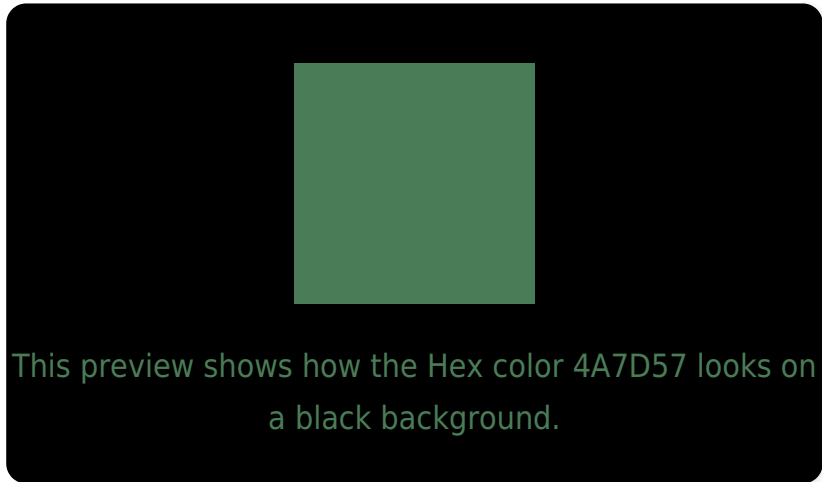
Large Text (above 18pt) WCAG AA ✓ Pass

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

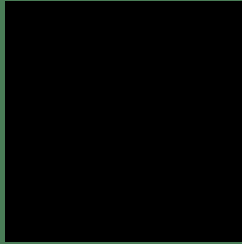
Any Text WCAG AA × Fail

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 4A7D57 Background



This preview shows how black text looks on a background with the Hex color 4A7D57.



This preview shows how white text looks on a background with the Hex color 4A7D57.

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
4A7D57

Protanopia
7A7152

Deuteranopia
846D5B



Tritanopia
537881

Trichromacy



Original Color
4A7D57

Protanomaly
697554

Deuteranomaly
6F735A

Tritanomaly
507A72

Monochromacy



Original Color
4A7D57

Achromatopsia
696969

Achromatomaly
5E7062

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A7D57 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 #4A7D57 looks like.

```
.text, #text, p{  
    color:#4A7D57  
}
```

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 #4A7D57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7D57
}
```

Border

The CSS property to change the border of an element to Hex 4A7D57 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
#4A7D57 }
```

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

```
.border{ border-color:#4A7D57 }
```

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

Here you see how a box with a 4 pixel #4A7D57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7D57; -webkit-box-shadow:4px 4px  
4px 4px #4A7D57; box-shadow:4px 4px 4px  
4px #4A7D57 }
```

Background

The CSS property to change the background color of an element to Hex 4A7D57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7D57 }
```

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

```
.background{ background-color:#4A7D57 }
```

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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