

Converting Colors

Hex(4A7A42)

Have a look what the booklet for
Hex(4A7A42) contains.

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Color

Hex(4A7A42)

Conversions

Conversions Part 1

Format	Color
Hex	4A7A42
RGB	74, 122, 66
RGB Percent	29%, 48%, 26%
CMY	0.7098, 0.5216, 0.7412
CMYK	0.39, 0.00, 0.46, 0.52
HSL	111°, 30%, 37%
HSV	111°, 46%, 48%
XYZ	10.7669, 15.7683, 7.6304
YIQ	101.2640, -10.6320, -27.5920

Conversions

Conversions Part 2

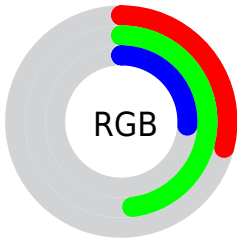
Format	Color
R _{YB}	66, 122, 114
Decimal	4880962
CIE Lab	46.67, -28.20, 25.59
CIE LCh	47, 38.079, 137.770
Yxy	15.7683, 0.3151, 0.4615
Android (android.graphics.Color)	4283071042 (0xFF4A7A42)
YUV	101.2640, -17.3852, -23.9105
Hunter-Lab	39.7093, -21.0920, 16.4036

Details

The Hex color **4A7A42** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **72427A**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **7DAF73**, and **184915** is the 20% darker color. If you saturate the color by 10%, you get **407A36**, and if you desaturate by 10%, it is **547A4E**.

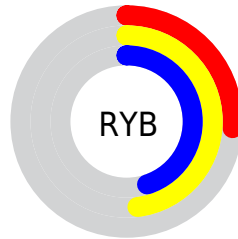
Distribution



Red (29%)

Green (48%)

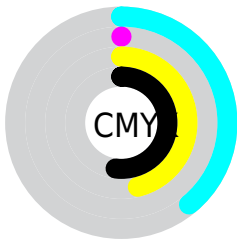
Blue (26%)



Red (26%)

Yellow (48%)

Blue (45%)

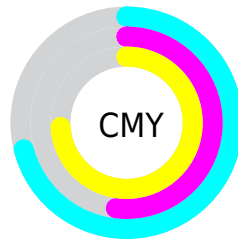


Cyan (39%)

Magenta (0%)

Yellow (46%)

Black (52%)



Cyan (71%)

Magenta (52%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A7A42 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 4A7A42 by changing the saturation by 10% instead.



4A7A42



4A7A42

FFFFFF



31612B



7DAF73



184915



98CA8D



003200



B3E7A7



001F00



CFFFC3



000000



ECFFDF



FFFFFFB



4A7A42



4A7A42



407A36



547A4E

■ 357A2A

■ 5F7A5A

■ 2B7A1D

■ 697A67

■ 207A11

■ 747A73

■ 167A05

■ 7E7A7F

■ 117A00

■ 897A8B

■ 937A97

■ 9E7AA4

■ A87AB0

Harmonies

Analogous

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



6F732F



4A7A42



047E60

Triad

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



4A7A42



0076AD



AB545D

Complementary

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



4A7A42



72427A

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.



A3557D



4A7A42



5B6BAB

Square

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



4A7A42



007C9D



895F9A



A25C40

Rectangle

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



4A7A42



007F76



895F9A



AA5367

Sweetspot

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



4A7A42



8B9E88



7A7242



444F42



CFCFCF



4F4F4F

Same Dimension

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



4A7A42



549E47



427A56



383D37



127D00



24FC00

Inverse Universe

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



72427A



92479E



7A4266



3C373D



6B007D



D800FC

Previews

White Background



This preview shows how the Hex color 4A7A42 looks on a white background.

Color Contrast Check

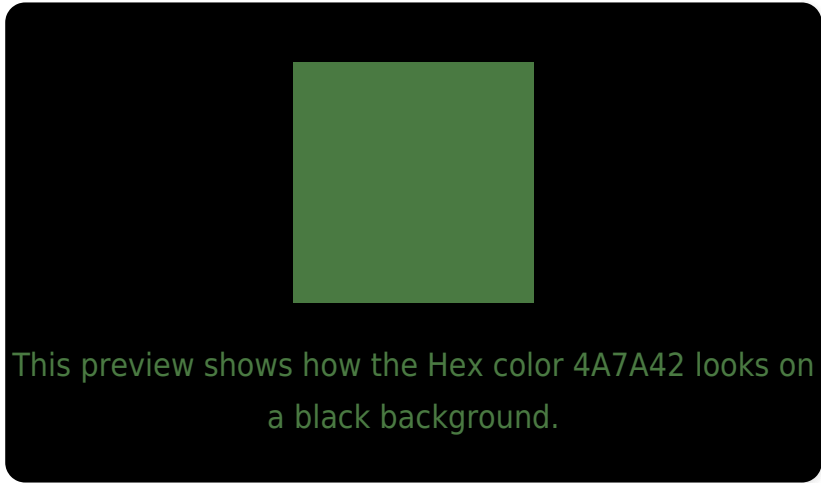
Large Text (above 18pt) WCAG AA ✓ Pass

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

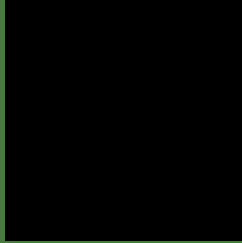
Any Text WCAG AA × Fail

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 4A7A42 Background



This preview shows how black text looks on a background with the Hex color 4A7A42.



This preview shows how white text looks on a background with the Hex color 4A7A42.

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

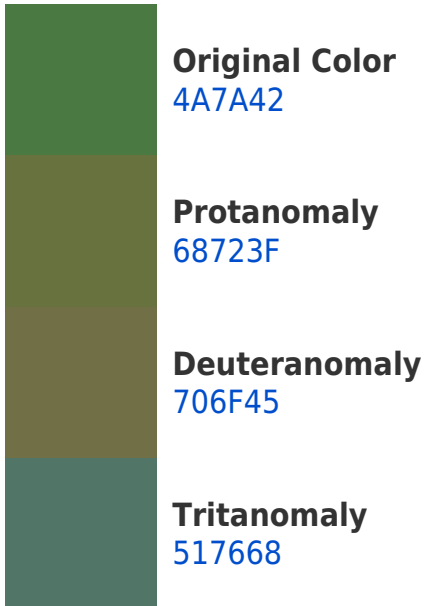


Original Color
4A7A42

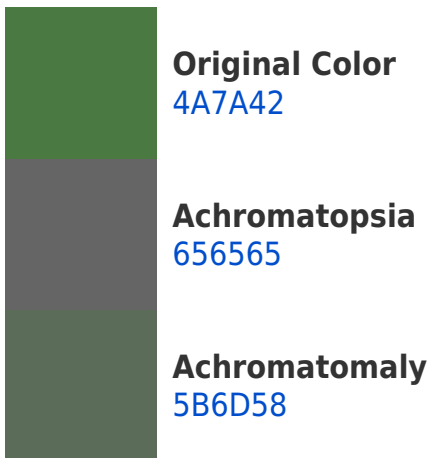
Protanopia
796E3E

Deuteranopia
856946

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A7A42 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 #4A7A42 looks like.

```
.text, #text, p{  
    color:#4A7A42  
}
```

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 #4A7A42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7A42
}
```

Border

The CSS property to change the border of an element to Hex 4A7A42 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".

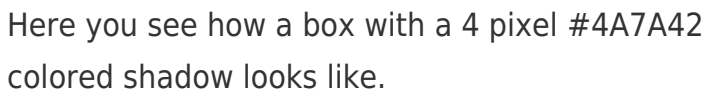
```
.border, #border, table{ border:4px solid
#4A7A42 }
```

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

```
.border{ border-color:#4A7A42 }
```

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

Here you see how a box with a 4 pixel #4A7A42 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7A42; -webkit-box-shadow:4px 4px  
4px 4px #4A7A42; box-shadow:4px 4px 4px  
4px #4A7A42 }
```

Background

The CSS property to change the background color of an element to Hex 4A7A42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7A42 }
```

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

```
.background{ background-color:#4A7A42 }
```

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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