

Converting Colors

Hex(4A7B5A)

Have a look what the booklet for
Hex(4A7B5A) contains.

Hex(4A7B5A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4A7B5A)

Conversions

Conversions Part 1

Format	Color
Hex	4A7B5A
RGB	74, 123, 90
RGB Percent	29%, 48%, 35%
CMY	0.7098, 0.5176, 0.6471
CMYK	0.40, 0.00, 0.27, 0.52
HSL	140°, 25%, 39%
HSV	140°, 40%, 48%
XYZ	11.7525, 16.3599, 12.2112
YIQ	104.5870, -18.6110, -20.6510

Conversions

Conversions Part 2

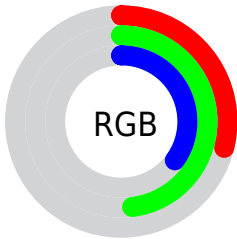
Format	Color
RYB	74, 111, 123
Decimal	4881242
CIELab	47.44, -24.37, 12.94
CIELCh	47, 27.587, 152.036
Yxy	16.3599, 0.2915, 0.4057
Android (android.graphics.Color)	4283071322 (0xFF4A7B5A)
YUV	104.5870, -7.1914, -26.8248
Hunter-Lab	40.4474, -18.9178, 10.4133

Details

The Hex color **4A7B5A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7B4A6B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7DB08C**, and **194A2C** is the 20% darker color. If you saturate the color by 10%, you get **3E7B52**, and if you desaturate by 10%, it is **567B62**.

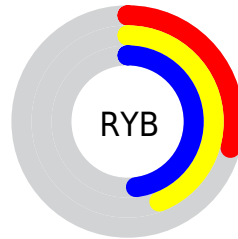
Distribution



Red (29%)

Green (48%)

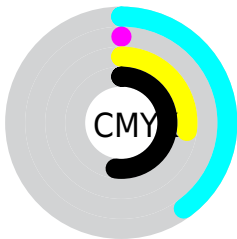
Blue (35%)



Red (29%)

Yellow (44%)

Blue (48%)

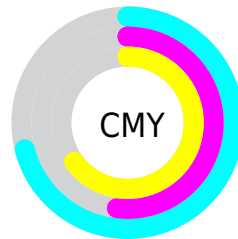


Cyan (40%)

Magenta (0%)

Yellow (27%)

Black (52%)



Cyan (71%)

Magenta (52%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A7B5A 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 4A7B5A by changing the saturation by 10% instead.



4A7B5A



4A7B5A

FFFFFF



326242



7DB08C



194A2C



97CBA7



003317



B3E8C2



001F00



CEFFDE



000000



EBFFFA



4A7B5A



4A7B5A



3E7B52



567B62



317B49



637B6B

 257B41

 6F7B73

 197B39

 7B7B7B

 0D7B31

 887B83

 007B28

 947B8C

 A07B94

 AC7B9C

 B97BA5

Harmonies

Analogous

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



667648



4A7B5A



2A7D71

Triad

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



4A7B5A



52729F



9D6159

Complementary

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



4A7B5A



7B4A6B

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.



9C5E70



4A7B5A



756A98

Square

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



4A7B5A



297999



8F6287



926848

Rectangle

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



4A7B5A



157D81



8F6287



9E5F60

Sweetspot

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



4A7B5A



8DA194



6B7B4A



46524A



D1D1D1



525252

Same Dimension

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



4A7B5A



54A16D



4A7B72



373D39



007D29



00FC52

Inverse Universe

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



7B4A6B



A15487



7B4A53



3D373B



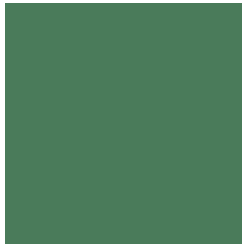
7D0054



FC00AA

Previews

White Background



This preview shows how the Hex color 4A7B5A looks on a white background.

Color Contrast Check

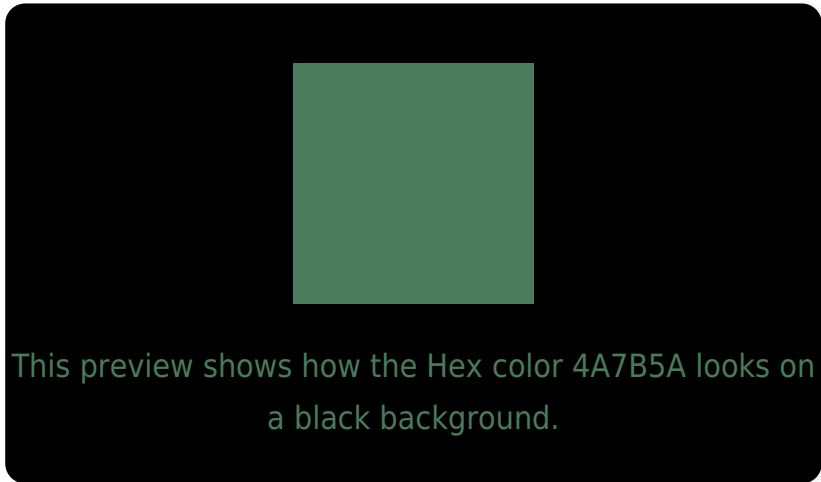
Large Text (above 18pt) WCAG AA ✓ Pass

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

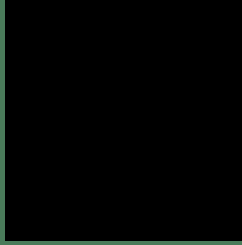
Any Text WCAG AA × Fail

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 4A7B5A Background



This preview shows how black text looks on a background with the Hex color 4A7B5A.



This preview shows how white text looks on a background with the Hex color 4A7B5A.

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
527680

Trichromacy



Original Color
4A7B5A

Protanomaly
677457

Deuteranomaly
6D715C

Tritanomaly
4F7872

Monochromacy



Original Color
4A7B5A

Achromatopsia
696969

Achromatomaly
5E7064

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A7B5A 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 #4A7B5A looks like.

```
.text, #text, p{  
    color:#4A7B5A  
}
```

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 #4A7B5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7B5A
}
```

Border

The CSS property to change the border of an element to Hex 4A7B5A 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".

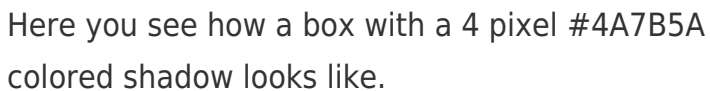
```
.border, #border, table{ border:4px solid
#4A7B5A }
```

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

```
.border{ border-color:#4A7B5A }
```

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

Here you see how a box with a 4 pixel #4A7B5A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7B5A; -webkit-box-shadow:4px 4px  
4px 4px #4A7B5A; box-shadow:4px 4px 4px  
4px #4A7B5A }
```

Background

The CSS property to change the background color of an element to Hex 4A7B5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7B5A }
```

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

```
.background{ background-color:#4A7B5A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor