

Converting Colors

Hex(4A8A74)

Have a look what the booklet for
Hex(4A8A74) contains.

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Color

Hex(4A8A74)

Conversions

Conversions Part 1

Format	Color
Hex	4A8A74
RGB	74, 138, 116
RGB Percent	29%, 54%, 45%
CMY	0.7098, 0.4588, 0.5451
CMYK	0.46, 0.00, 0.16, 0.46
HSL	159°, 30%, 42%
HSV	159°, 46%, 54%
XYZ	15.0649, 20.8938, 19.7619
YIQ	116.3560, -31.0820, -20.4100

Conversions

Conversions Part 2

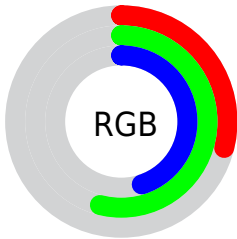
Format	Color
RYB	74, 113, 138
Decimal	4885108
CIELab	52.83, -26.10, 5.44
CIElCh	53, 26.665, 168.225
Yxy	20.8938, 0.2704, 0.3750
Android (android.graphics.Color)	4283075188 (0xFF4A8A74)
YUV	116.3560, -0.1755, -37.1462
Hunter-Lab	45.7097, -21.1623, 6.3637

Details

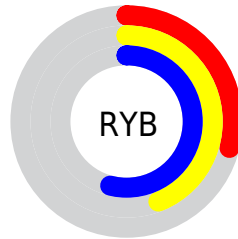
The Hex color **4A8A74** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8A4A60**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **7EC0A8**, and **135844** is the 20% darker color. If you saturate the color by 10%, you get **3C8A6F**, and if you desaturate by 10%, it is **588A79**.

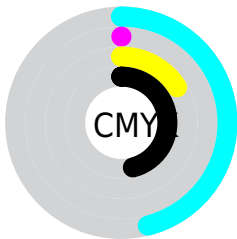
Distribution



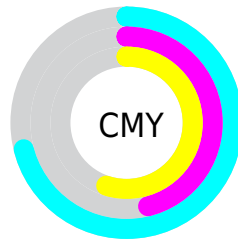
- Red (29%)
- Green (54%)
- Blue (45%)



- Red (29%)
- Yellow (44%)
- Blue (54%)



- Cyan (46%)
- Magenta (0%)
- Yellow (16%)
- Black (46%)



- Cyan (71%)
- Magenta (46%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A8A74 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 4A8A74 by changing the saturation by 10% instead.



4A8A74



4A8A74

FFFFFF



30705B



7EC0A8



135844



99DCC3



00402E



B5F8DF



002919



D1FFFC



001200



EEFFFF



000000



4A8A74



4A8A74



3C8A6F



588A79



2E8A6B



668A7D

■ 218A66

■ 738A82

■ 138A61

■ 818A87

■ 058A5C

■ 8F8A8C

■ 008A5B

■ 9D8A90

■ AB8A95

■ B88A9A

■ C68A9F

Harmonies

Analogous

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



66875F



4A8A74



328B8C

Triad

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



4A8A74



747BA9



A6725D

Complementary

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



4A8A74



8A4A60

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.



AC6D71



4A8A74



92739D

Square

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



4A8A74



5183AA



A56E88



967A51

Rectangle

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



4A8A74



2E899A



A56E88



A97063

Sweetspot

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



4A8A74



9AB3AA



608A4A



4A5954



D9D9D9



595959

Same Dimension

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



4A8A74



4FB390



4A808A



3E4542



008557



000503

Inverse Universe

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



8A4A60



B34F71



8A544A



453E40



85002E



050002

Previews

White Background



This preview shows how the Hex color 4A8A74 looks on a white background.

Color Contrast Check

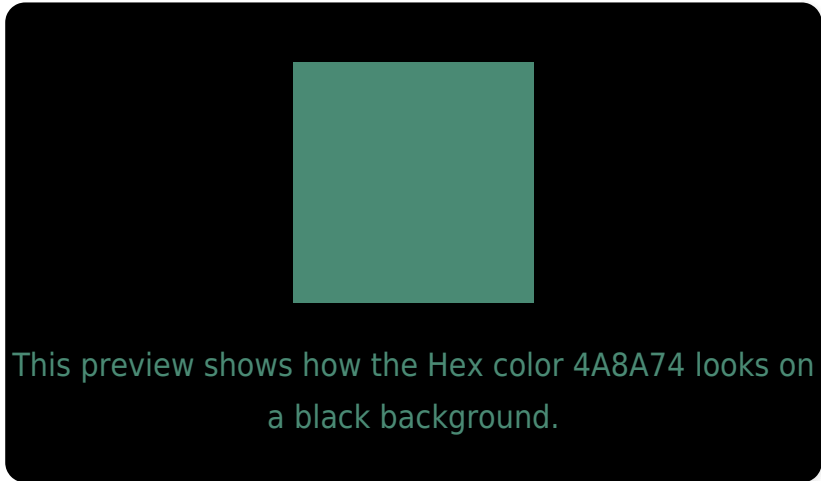
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

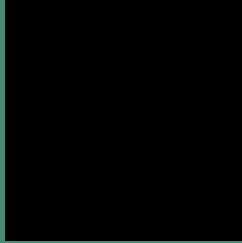
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 4A8A74 Background



This preview shows how black text looks on a background with the Hex color 4A8A74.

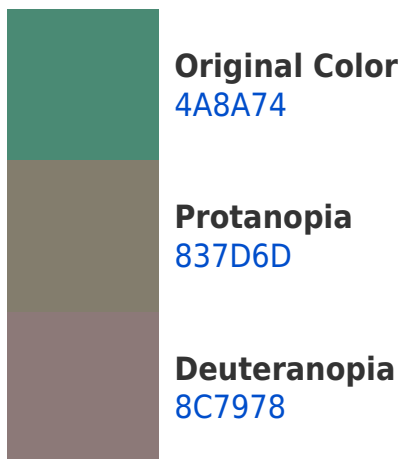


This preview shows how white text looks on a background with the Hex color 4A8A74.

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
528691

Trichromacy



Original Color
4A8A74

Protanomaly
6E8270

Deuteranomaly
747F77

Tritanomaly
4F8786

Monochromacy



Original Color
4A8A74

Achromatopsia
747474

Achromatomaly
657C74

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A8A74 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 #4A8A74 looks like.

```
.text, #text, p{  
    color:#4A8A74  
}
```

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 #4A8A74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A8A74
}
```

Border

The CSS property to change the border of an element to Hex 4A8A74 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
#4A8A74 }
```

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

```
.border{ border-color:#4A8A74 }
```

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

Here you see how a box with a 4 pixel #4A8A74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A8A74; -webkit-box-shadow:4px 4px  
4px 4px #4A8A74; box-shadow:4px 4px 4px  
4px #4A8A74 }
```

Background

The CSS property to change the background color of an element to Hex 4A8A74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A8A74 }
```

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

```
.background{ background-color:#4A8A74 }
```

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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