

Converting Colors

Hex(4B7A60)

Have a look what the booklet for
Hex(4B7A60) contains.

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Color

Hex(4B7A60)

Conversions

Conversions Part 1

Format	Color
Hex	4B7A60
RGB	75, 122, 96
RGB Percent	29%, 48%, 38%
CMY	0.7059, 0.5216, 0.6235
CMYK	0.39, 0.00, 0.21, 0.52
HSL	147°, 24%, 39%
HSV	147°, 39%, 48%
XYZ	11.9725, 16.2595, 13.5737
YIQ	104.9830, -19.6660, -18.0500

Conversions

Conversions Part 2

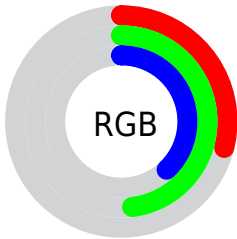
Format	Color
RYB	75, 107, 122
Decimal	4946528
CIELab	47.31, -22.26, 9.25
CIELCh	47, 24.106, 157.434
Yxy	16.2595, 0.2864, 0.3889
Android (android.graphics.Color)	4283136608 (0xFF4B7A60)
YUV	104.9830, -4.4286, -26.2951
Hunter-Lab	40.3230, -17.5659, 8.2677

Details

The Hex color **4B7A60** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A4B65**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7EAF93**, and **1A4932** is the 20% darker color. If you saturate the color by 10%, you get **3F7A59**, and if you desaturate by 10%, it is **577A67**.

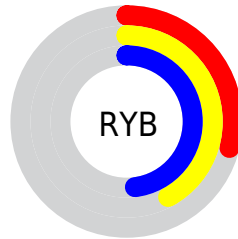
Distribution



Red (29%)

Green (48%)

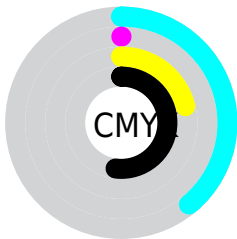
Blue (38%)



Red (29%)

Yellow (42%)

Blue (48%)

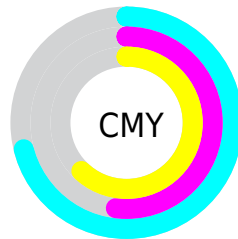


Cyan (39%)

Magenta (0%)

Yellow (21%)

Black (52%)



Cyan (71%)

Magenta (52%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B7A60 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 4B7A60 by changing the saturation by 10% instead.

■ 4B7A60

■ 4B7A60

FFFFFF

■ 336148

■ 7EAF93

■ 1A4932

■ 98CAAD

■ 00321D

■ B3E6C8

■ 001E03

■ CFFFE5

■ 000000

■ ECFE55

■ 4B7A60

■ 4B7A60

■ 3F7A59

■ 577A67

■ 337A53

■ 637A6D

■ 267A4C

■ 707A74

■ 1A7A45

■ 7C7A7B

■ 0E7A3E

■ 887A82

■ 027A38

■ 947A88

■ 007A37

■ A07A8F

■ AD7A96

■ B97A9D

Harmonies

Analogous

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



63764F



4B7A60



347B75

Triad

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



4B7A60



5D7098



966459

Complementary

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



4B7A60



7A4B65

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.



98616C



4B7A60



796990

Square

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



4B7A60



3E7695



8E6380



8B6A4B

Rectangle

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



4B7A60



2B7B82



8E6380



98625F

Sweetspot

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



4B7A60



8B9E94



667A4B



444F49



CFCFCF



4F4F4F

Same Dimension

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



4B7A60



559E76



4B7A77



373D3A



007D38



00FC71

Inverse Universe

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



7A4B65



9E557E



7A4B4E



3D373A



7D0045



FC008C

Previews

White Background



This preview shows how the Hex color 4B7A60 looks on a white background.

Color Contrast Check

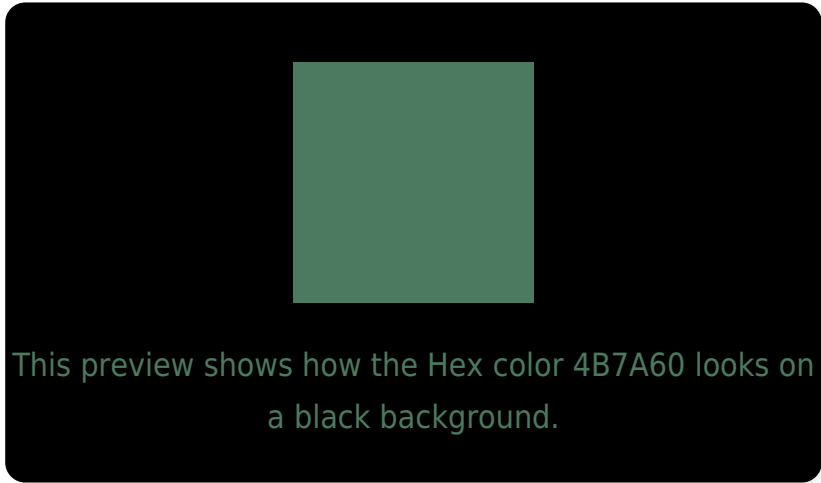
Large Text (above 18pt) WCAG AA ✓ Pass

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

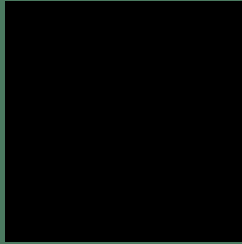
Any Text WCAG AA × Fail

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 4B7A60 Background



This preview shows how black text looks on a background with the Hex color 4B7A60.

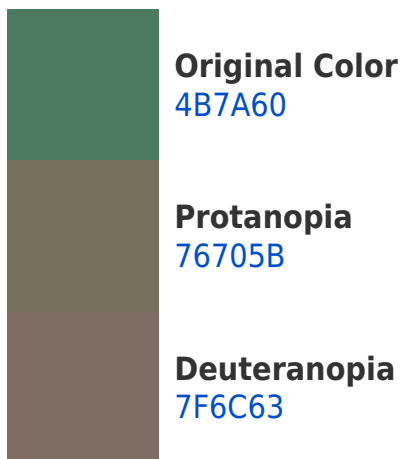



This preview shows how white text looks on a background with the Hex color 4B7A60.

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
52767F

Trichromacy



Original Color
4B7A60

Protanomaly
66745D

Deuteranomaly
6C7162

Tritanomaly
4F7774

Monochromacy



Original Color
4B7A60

Achromatopsia
696969

Achromatomaly
5E6F66

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B7A60 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 #4B7A60 looks like.

```
.text, #text, p{  
    color:#4B7A60  
}
```

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 #4B7A60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7A60  
}
```

Border

The CSS property to change the border of an element to Hex 4B7A60 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  
#4B7A60 }
```

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

```
.border{ border-color:#4B7A60 }
```

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

Here you see how a box with a 4 pixel #4B7A60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7A60; -webkit-box-shadow:4px 4px  
4px 4px #4B7A60; box-shadow:4px 4px 4px  
4px #4B7A60 }
```

Background

The CSS property to change the background color of an element to Hex 4B7A60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7A60 }
```

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

```
.background{ background-color:#4B7A60 }
```

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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