

Converting Colors

Hex(4B7D63)

Have a look what the booklet for
Hex(4B7D63) contains.

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Color

Hex(4B7D63)

Conversions

Conversions Part 1

Format	Color
Hex	4B7D63
RGB	75, 125, 99
RGB Percent	29%, 49%, 39%
CMY	0.7059, 0.5098, 0.6118
CMYK	0.40, 0.00, 0.21, 0.51
HSL	149°, 25%, 39%
HSV	149°, 40%, 49%
XYZ	12.4874, 17.0639, 14.4399
YIQ	107.0860, -21.4540, -18.6860

Conversions

Conversions Part 2

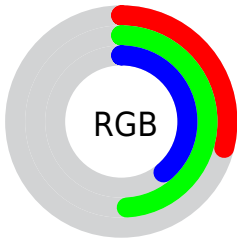
Format	Color
RYB	75, 109, 125
Decimal	4947299
CIELab	48.34, -23.15, 8.94
CIELCh	48, 24.813, 158.881
Yxy	17.0639, 0.2839, 0.3879
Android (android.graphics.Color)	4283137379 (0xFF4B7D63)
YUV	107.0860, -3.9864, -28.1394
Hunter-Lab	41.3085, -18.3301, 8.1904

Details

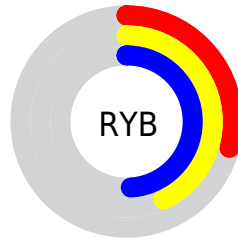
The Hex color **4B7D63** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D4B65**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7EB296**, and **1A4C34** is the 20% darker color. If you saturate the color by 10%, you get **3F7D5D**, and if you desaturate by 10%, it is **577D6A**.

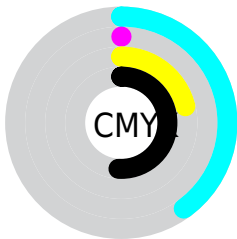
Distribution



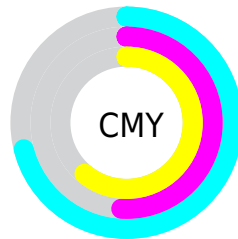
- Red (29%)
- Green (49%)
- Blue (39%)



- Red (29%)
- Yellow (43%)
- Blue (49%)



- Cyan (40%)
- Magenta (0%)
- Yellow (21%)
- Black (51%)



- Cyan (71%)
- Magenta (51%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B7D63 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 4B7D63 by changing the saturation by 10% instead.

 4B7D63

 4B7D63

FFFFFF

 32644B

 7EB296

 1A4C34

 99CEB0

 00351F

 B4EACC

 002008

 D0FFE8

 000000

 ECFFFF

 4B7D63

 4B7D63

 3F7D5D

 577D6A

 327D56

 647D70

■ 267D50

■ 717D77

■ 197D49

■ 7D7D7D

■ 0C7D43

■ 8A7D84

■ 007D3C

■ 967D8A

■ A37D91

■ AF7D97

■ BB7D9D

Harmonies

Analogous

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



647952



4B7D63



337E78

Triad

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



4B7D63



60739C



9A6659

Complementary

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



4B7D63



7D4B65

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.



9C636D



4B7D63



7E6B93

Square

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



4B7D63



407999



926582



8E6C4C

Rectangle

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



4B7D63



2A7E86



926582



9C6460

Sweetspot

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



4B7D63



90A399



667D4B



46524C



D1D1D1



525252

Same Dimension

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



4B7D63



55A37A



4B7D7B



39403C



00803D



000000

Inverse Universe

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



7D4B65



A3557E



7D4B4D



40393D



800042



000000

Previews

White Background



This preview shows how the Hex color 4B7D63 looks on a white background.

Color Contrast Check

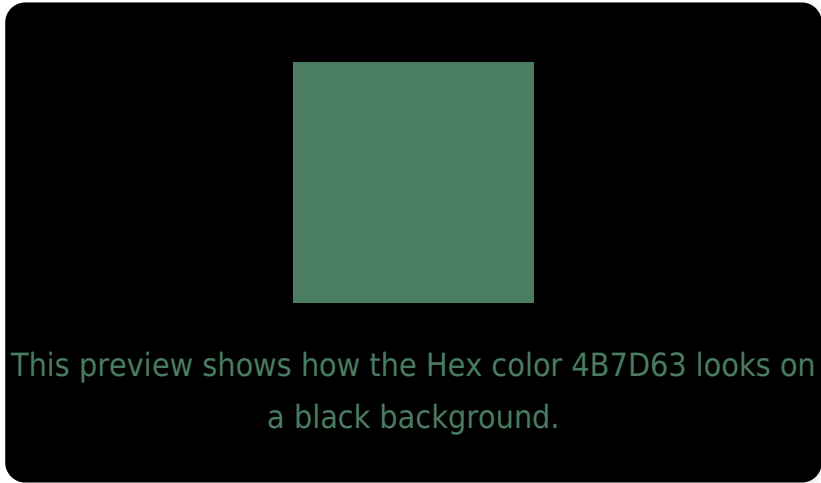
Large Text (above 18pt) WCAG AA ✓ Pass

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

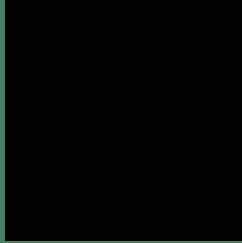
Any Text WCAG AA × Fail

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 4B7D63 Background



This preview shows how black text looks on a background with the Hex color 4B7D63.

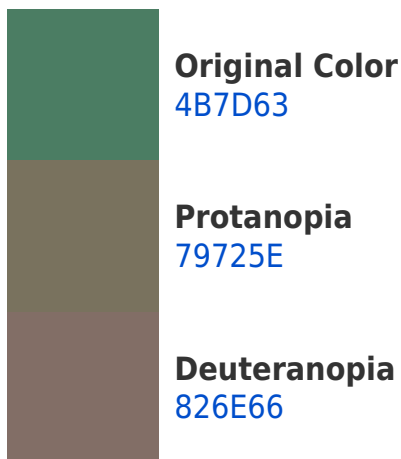


This preview shows how white text looks on a background with the Hex color 4B7D63.

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



Trichromacy



Original Color
4B7D63

Protanomaly
687660

Deuteranomaly
6E7365

Tritanomaly
4F7A77

Monochromacy



Original Color
4B7D63

Achromatopsia
6B6B6B

Achromatomaly
5F7268

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B7D63 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 #4B7D63 looks like.

```
.text, #text, p{  
    color:#4B7D63  
}
```

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 #4B7D63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7D63
}
```

Border

The CSS property to change the border of an element to Hex 4B7D63 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
#4B7D63 }
```

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

```
.border{ border-color:#4B7D63 }
```

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

Here you see how a box with a 4 pixel #4B7D63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7D63; -webkit-box-shadow:4px 4px  
4px 4px #4B7D63; box-shadow:4px 4px 4px  
4px #4B7D63 }
```

Background

The CSS property to change the background color of an element to Hex 4B7D63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7D63 }
```

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

```
.background{ background-color:#4B7D63 }
```

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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