

# Converting Colors

Hex(4B7B5E)

Have a look what the booklet for  
Hex(4B7B5E) contains.

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# Color

Hex(4B7B5E)

# Conversions

## Conversions Part 1

Format	Color
Hex	4B7B5E
RGB	75, 123, 94
RGB Percent	29%, 48%, 37%
CMY	0.7059, 0.5176, 0.6314
CMYK	0.39, 0.00, 0.24, 0.52
HSL	144°, 24%, 39%
HSV	144°, 39%, 48%
XYZ	12.0050, 16.4699, 13.1360
YIQ	105.3420, -19.2990, -19.1950

# Conversions

## Conversions Part 2

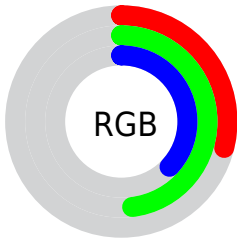
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 109, 123
Decimal	4946782
CIELab	47.59, -23.21, 10.81
CIELCh	48, 25.598, 155.033
Yxy	16.4699, 0.2885, 0.3958
Android (android.graphics.Color)	4283136862 (0xFF4B7B5E)
YUV	105.3420, -5.5916, -26.6099
Hunter-Lab	40.5832, -18.2181, 9.2172

# Details

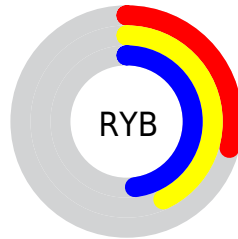
The Hex color **4B7B5E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7B4B68**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7EB090**, and **1A4A30** is the 20% darker color. If you saturate the color by 10%, you get **3F7B57**, and if you desaturate by 10%, it is **577B65**.

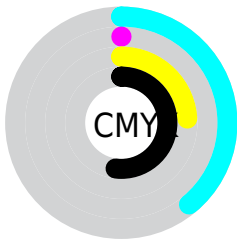
# Distribution



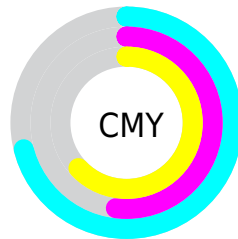
- Red (29%)
- Green (48%)
- Blue (37%)



- Red (29%)
- Yellow (43%)
- Blue (48%)



- Cyan (39%)
- Magenta (0%)
- Yellow (24%)
- Black (52%)



- Cyan (71%)
- Magenta (52%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B7B5E 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 4B7B5E by changing the saturation by 10% instead.



 4B7B5E

 4B7B5E

FFFFFF

 336246

 7EB090

 1A4A30

 98CBAB

 00331B

 B3E8C6

 001F00

 CFFFE2

 000000

 ECFFFF

 4B7B5E

 4B7B5E

 3F7B57

 577B65

 327B4F

 647B6D

 267B48

 707B74

 1A7B40

 7C7B7C

 0D7B39

 897B83

 017B31

 957B8B

 007B31

 A17B92

 AD7B99

 BA7BA1

# Harmonies

## Analogous

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



65774D



4B7B5E



317D74

# Triad

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



4B7B5E



59729C



9A6359

# Complementary

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



4B7B5E



7B4B68

# 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.



9A606E



4B7B5E



786A94

# Square

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



4B7B5E



367897



8F6383



8F694A

# Rectangle

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



4B7B5E



247C82



8F6383



9B6260



# Sweetspot

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



4B7B5E



8DA195



697B4B



46524B



D1D1D1



525252



# Same Dimension

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



4B7B5E



55A173



4B7B75



373D3A



007D31



00FC64



# Inverse Universe

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



7B4B68



A15583



7B4B51



3D373B



7D004B

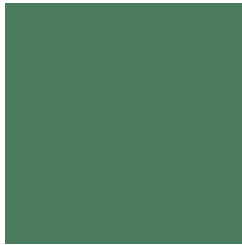


FC0099



# Previews

## White Background



This preview shows how the Hex color 4B7B5E looks on a white background.

## Color Contrast Check

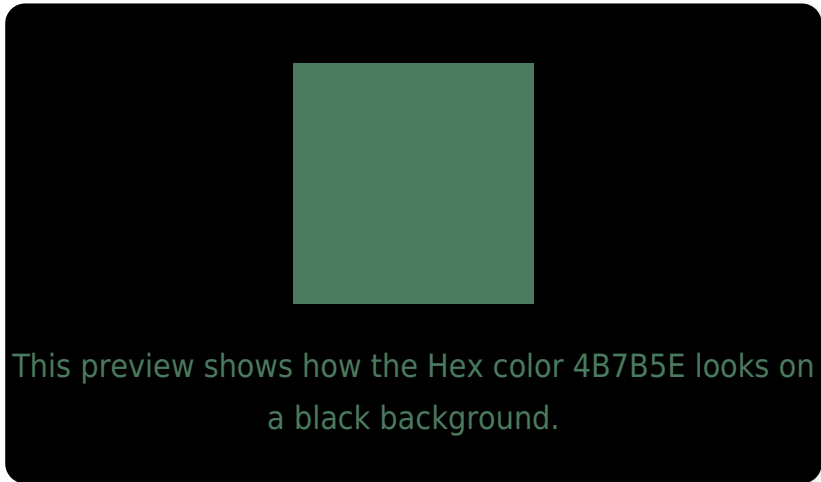
Large Text (above 18pt) WCAG AA ✓ Pass

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

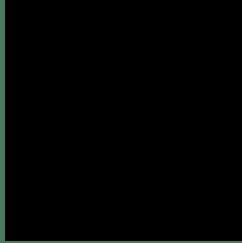
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B7B5E Background



This preview shows how black text looks on a background with the Hex color 4B7B5E.

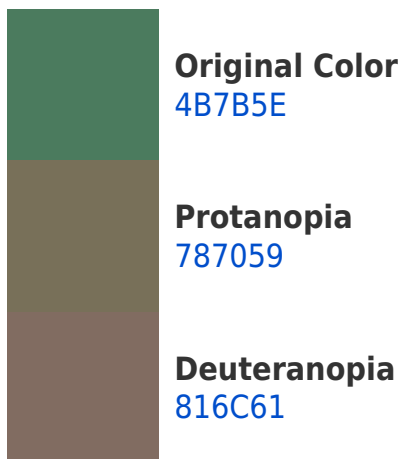


This preview shows how white text looks on a background with the Hex color 4B7B5E.

# 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**  
537680

# Trichromacy



**Original Color**  
4B7B5E

**Protanomaly**  
68745B

**Deuteranomaly**  
6D7160

**Tritanomaly**  
507874

# Monochromacy



**Original Color**  
4B7B5E

**Achromatopsia**  
696969

**Achromatomaly**  
5E7065

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B7B5E 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 #4B7B5E looks like.

```
.text, #text, p{  
    color:#4B7B5E  
}
```

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 #4B7B5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7B5E
}
```

## Border

The CSS property to change the border of an element to Hex 4B7B5E 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
#4B7B5E }
```

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

```
.border{ border-color:#4B7B5E }
```

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

Here you see how a box with a 4 pixel #4B7B5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7B5E; -webkit-box-shadow:4px 4px  
4px 4px #4B7B5E; box-shadow:4px 4px 4px  
4px #4B7B5E }
```

# Background

The CSS property to change the background color of an element to Hex 4B7B5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7B5E }
```

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

```
.background{ background-color:#4B7B5E }
```

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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