

# Converting Colors

Hex(4B755C)

Have a look what the booklet for  
Hex(4B755C) contains.

<b>Hex(4B755C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(4B755C)

# Conversions

## Conversions Part 1

Format	Color
Hex	4B755C
RGB	75, 117, 92
RGB Percent	29%, 46%, 36%
CMY	0.7059, 0.5412, 0.6392
CMYK	0.36, 0.00, 0.21, 0.54
HSL	144°, 22%, 38%
HSV	144°, 36%, 46%
XYZ	11.1947, 14.9911, 12.4288
YIQ	101.5920, -17.0070, -16.6790

# Conversions

## Conversions Part 2

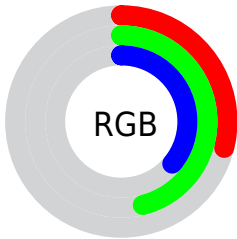
Format	Color
<b>RYB</b>	75, 105, 117
Decimal	4945244
CIELab	45.62, -20.52, 9.23
CIELCh	46, 22.500, 155.790
Yxy	14.9911, 0.2899, 0.3882
Android (android.graphics.Color)	4283135324 (0xFF4B755C)
YUV	101.5920, -4.7289, -23.3212
Hunter-Lab	38.7184, -16.1472, 8.0705

# Details

The Hex color **4B755C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **754B64**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7DA98E**, and **1B442E** is the 20% darker color. If you saturate the color by 10%, you get **3F7555**, and if you desaturate by 10%, it is **577563**.

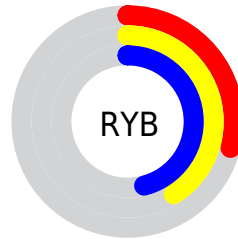
# Distribution



Red (29%)

Green (46%)

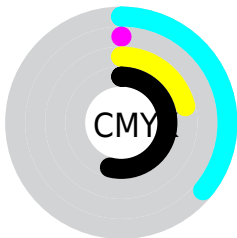
Blue (36%)



Red (29%)

Yellow (41%)

Blue (46%)

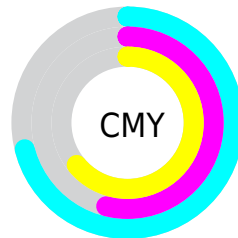


Cyan (36%)

Magenta (0%)

Yellow (21%)

Black (54%)



Cyan (71%)

Magenta (54%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B755C 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 4B755C by changing the saturation by 10% instead.





4B755C



4B755C

FFFFFF



335C44



7DA98E



1B442E



98C5A9



032E19



B3E1C4



001B00



CFFDE0



000000



EBFFFD



4B755C



4B755C



3F7555



577563



34754E



62756A

■ 287547

■ 6E7571

■ 1C7540

■ 7A7578

■ 117539

■ 85757F

■ 057532

■ 917586

■ 00752F

■ 9D758D

■ A97594

■ B4759B

# Harmonies

## Analogous

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



61714D



4B755C



36766F

# Triad

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



4B755C



596D91



906057

# Complementary

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



4B755C



754B64

# 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.



915E69



4B755C



73668B

# Square

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



4B755C



3D728E



87607C



86664A

# Rectangle

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



4B755C



2E767C



87607C



915F5D



# Sweetspot

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



4B755C



88998F



64754B



434D47



CCCCCC



4D4D4D



# Same Dimension

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



4B755C



579972



4B7571



353B37



007A32



00FA65



# Inverse Universe

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



754B64



99577E



754B4F



3B3538



7A0049



FA0095



# Previews

## White Background



This preview shows how the Hex color 4B755C looks on a white background.

## Color Contrast Check

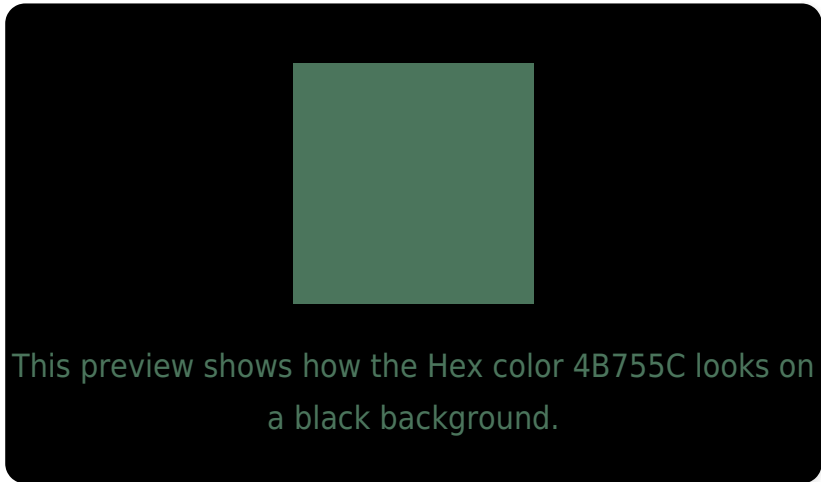
Large Text (above 18pt) WCAG AA ✓ Pass

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

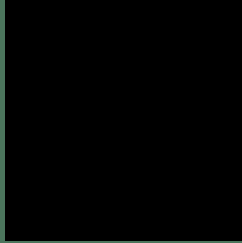
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B755C Background



This preview shows how black text looks on a background with the Hex color 4B755C.

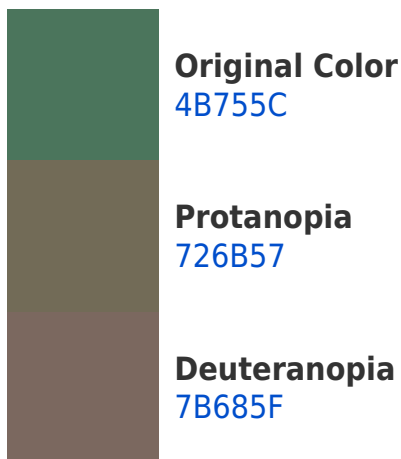


This preview shows how white text looks on a background with the Hex color 4B755C.

# 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**  
51717A

# Trichromacy



**Original Color**  
4B755C

**Protanomaly**  
646F59

**Deuteranomaly**  
6A6D5E

**Tritanomaly**  
4F726F

# Monochromacy



**Original Color**  
4B755C

**Achromatopsia**  
666666

**Achromatomaly**  
5C6B62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B755C 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 #4B755C looks like.

```
.text, #text, p{  
    color:#4B755C  
}
```

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 #4B755C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B755C
}
```

## Border

The CSS property to change the border of an element to Hex 4B755C 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
#4B755C }
```

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

```
.border{ border-color:#4B755C }
```

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

Here you see how a box with a 4 pixel #4B755C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B755C; -webkit-box-shadow:4px 4px  
4px 4px #4B755C; box-shadow:4px 4px 4px  
4px #4B755C }
```

# Background

The CSS property to change the background color of an element to Hex 4B755C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B755C }
```

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

```
.background{ background-color:#4B755C }
```

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