

Converting Colors

Hex(4B7C5A)

Have a look what the booklet for
Hex(4B7C5A) contains.

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Color

Hex(4B7C5A)

Conversions

Conversions Part 1

Format	Color
Hex	4B7C5A
RGB	75, 124, 90
RGB Percent	29%, 49%, 35%
CMY	0.7059, 0.5137, 0.6471
CMYK	0.40, 0.00, 0.27, 0.51
HSL	138°, 25%, 39%
HSV	138°, 40%, 49%
XYZ	11.9548, 16.6493, 12.2564
YIQ	105.4730, -18.2900, -20.9620

Conversions

Conversions Part 2

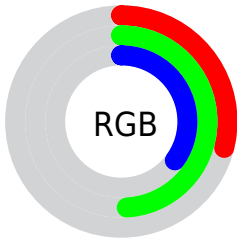
Format	Color
RYB	75, 113, 124
Decimal	4947034
CIELab	47.82, -24.55, 13.46
CIELCh	48, 27.995, 151.266
Yxy	16.6493, 0.2926, 0.4075
Android (android.graphics.Color)	4283137114 (0xFF4B7C5A)
YUV	105.4730, -7.6282, -26.7248
Hunter-Lab	40.8036, -19.1088, 10.7532

Details

The Hex color **4B7C5A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7C4B6D**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7EB18C**, and **1A4B2C** is the 20% darker color. If you saturate the color by 10%, you get **3F7C51**, and if you desaturate by 10%, it is **577C63**.

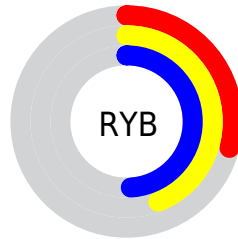
Distribution



Red (29%)

Green (49%)

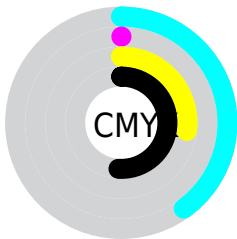
Blue (35%)



Red (29%)

Yellow (44%)

Blue (49%)

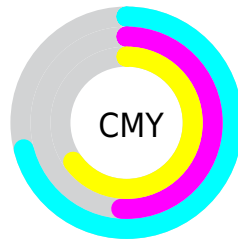


Cyan (40%)

Magenta (0%)

Yellow (27%)

Black (51%)



Cyan (71%)

Magenta (51%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B7C5A 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 4B7C5A by changing the saturation by 10% instead.

 4B7C5A

 4B7C5A

FFFFFF

 336342

 7EB18C

 1A4B2C

 98CCA7

 003417

 B4E9C2

 001F00

 D0FFDE

 000000

 ECFFFA

 4B7C5A

 4B7C5A

 3F7C51

 577C63

 327C49

 647C6B

 267C40


 707C74

 197C38

 7D7C7C

 0D7C2F

 897C85

 017C26

 957C8E

 007C26

 A27C96

 AE7C9F

 BB7CA7

Harmonies

Analogous

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



677748



4B7C5A



2B7E72

Triad

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



4B7C5A



5173A0



9E615A

Complementary

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



4B7C5A



7C4B6D

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.



9E5F71



4B7C5A



756B9A

Square

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



4B7C5A



277A9A



906389



936849

Rectangle

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



4B7C5A



137E82



906389



A06062

Sweetspot

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



4B7C5A



8DA193



6D7C4B



46524A



D1D1D1



525252

Same Dimension

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



4B7C5A



55A16C



4B7C72



373D39



007D26



00FC4D

Inverse Universe

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



7C4B6D



A1558A



7C4B55



3D373B



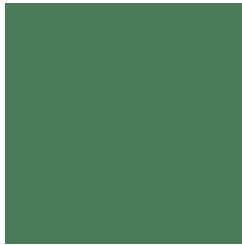
7D0057



FC00AF

Previews

White Background



This preview shows how the Hex color 4B7C5A looks on a white background.

Color Contrast Check

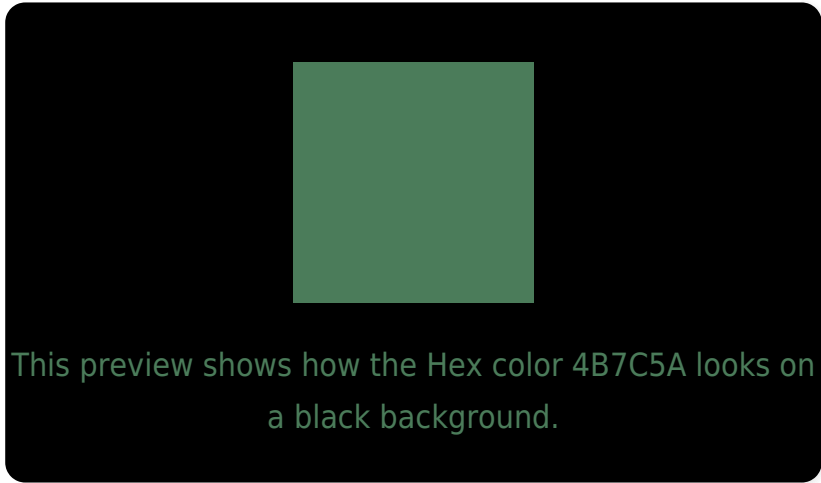
Large Text (above 18pt) WCAG AA ✓ Pass

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

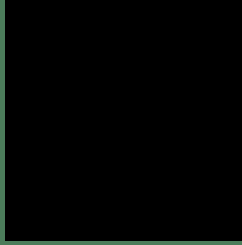
Any Text WCAG AA × Fail

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 4B7C5A Background



This preview shows how black text looks on a background with the Hex color 4B7C5A.



This preview shows how white text looks on a background with the Hex color 4B7C5A.

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



Original Color
4B7C5A

Protanopia
797155

Deuteranopia
836D5D



Tritanopia
537781

Trichromacy



Original Color
4B7C5A

Protanomaly
687557

Deuteranomaly
6F725C

Tritanomaly
507973

Monochromacy



Original Color
4B7C5A

Achromatopsia
696969

Achromatomaly
5E7064

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B7C5A 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 #4B7C5A looks like.

```
.text, #text, p{  
    color:#4B7C5A  
}
```

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 #4B7C5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7C5A
}
```

Border

The CSS property to change the border of an element to Hex 4B7C5A 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
#4B7C5A }
```

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

```
.border{ border-color:#4B7C5A }
```

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

Here you see how a box with a 4 pixel #4B7C5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7C5A; -webkit-box-shadow:4px 4px  
4px 4px #4B7C5A; box-shadow:4px 4px 4px  
4px #4B7C5A }
```

Background

The CSS property to change the background color of an element to Hex 4B7C5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7C5A }
```

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

```
.background{ background-color:#4B7C5A }
```

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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