

Converting Colors

Hex(4B7465)

Have a look what the booklet for
Hex(4B7465) contains.

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Color

Hex(4B7465)

Conversions

Conversions Part 1

Format	Color
Hex	4B7465
RGB	75, 116, 101
RGB Percent	29%, 45%, 40%
CMY	0.7059, 0.5451, 0.6039
CMYK	0.35, 0.00, 0.13, 0.55
HSL	158°, 21%, 37%
HSV	158°, 35%, 45%
XYZ	11.4960, 14.9262, 14.5871
YIQ	102.0310, -19.6210, -13.3570

Conversions

Conversions Part 2

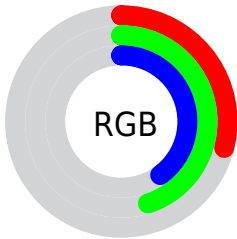
Format	Color
RYB	75, 100, 116
Decimal	4944997
CIELab	45.53, -17.96, 3.75
CIElCh	46, 18.346, 168.191
Yxy	14.9262, 0.2803, 0.3640
Android (android.graphics.Color)	4283135077 (0xFF4B7465)
YUV	102.0310, -0.5083, -23.7062
Hunter-Lab	38.6345, -14.4962, 4.6582

Details

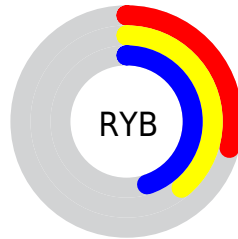
The Hex color **4B7465** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **744B5A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7DA898**, and **1B4436** is the 20% darker color. If you saturate the color by 10%, you get **3F7461**, and if you desaturate by 10%, it is **577469**.

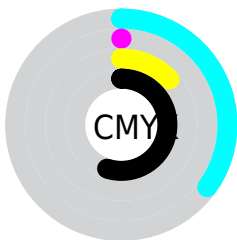
Distribution



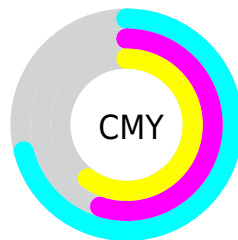
- Red (29%)
- Green (45%)
- Blue (40%)



- Red (29%)
- Yellow (39%)
- Blue (45%)



- Cyan (35%)
- Magenta (0%)
- Yellow (13%)
- Black (55%)



- Cyan (71%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B7465 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 4B7465 by changing the saturation by 10% instead.

■ 4B7465

■ 4B7465

FFFFFF

■ 335B4D

■ 7DA898

■ 1B4436

■ 98C3B3

■ 032D21

■ B3E0CE

■ 001A0A

■ CFFCEA

■ 000000

■ EBFFFF

■ 4B7465

■ 4B7465

■ 3F7461

■ 577469

■ 34745D

■ 62746D

■ 287458

■ 6E7472

■ 1D7454

■ 797476

■ 117450

■ 85747A

■ 05744C

■ 91747E

■ 00744A

■ 9C7483

■ A87487

■ B3748B

Harmonies

Analogous

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



5C7257



4B7465



407475

Triad

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



4B7465



666A89



876456

Complementary

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



4B7465



744B5A

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.



8B6163



4B7465



796580

Square

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



4B7465



516F89



866172



7D694E

Rectangle

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



4B7465



3F737E



866172



89635A

Sweetspot

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



4B7465



869690



5A744B



434D49



CCCCCC



4D4D4D

Same Dimension

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



4B7465



57967F



4B6F74



353B39



007A4E



00FA9E

Inverse Universe

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



744B5A



96576E



74504B



3B3537



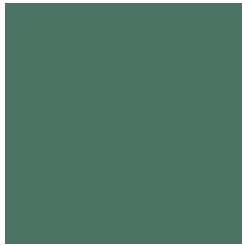
7A002D



FA005B

Previews

White Background



This preview shows how the Hex color 4B7465 looks on a white background.

Color Contrast Check

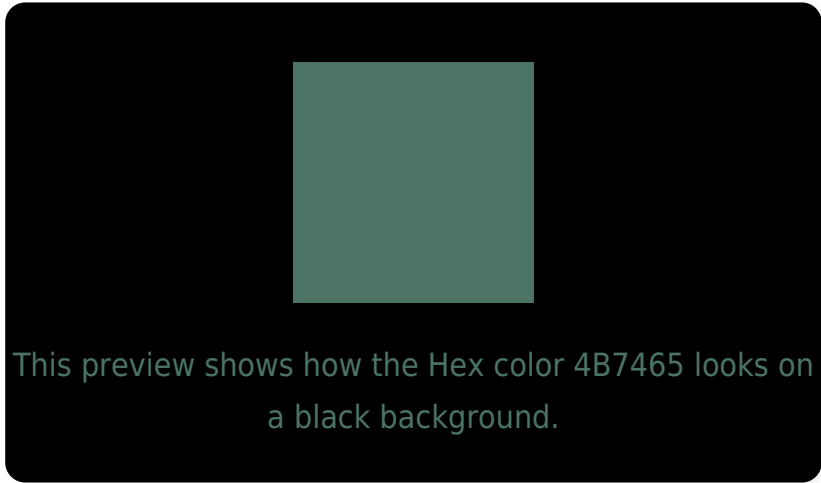
Large Text (above 18pt) WCAG AA ✓ Pass

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

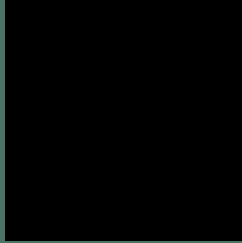
Any Text WCAG AA × Fail

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 4B7465 Background



This preview shows how black text looks on a background with the Hex color 4B7465.



This preview shows how white text looks on a background with the Hex color 4B7465.

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
4B7465

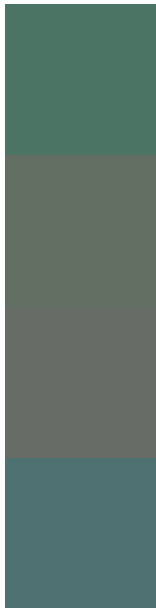
Protanopia
706B60

Deuteranopia
776868



Tritanopia
50717A

Trichromacy



Original Color
4B7465

Protanomaly
636E62

Deuteranomaly
676C67

Tritanomaly
4E7272

Monochromacy



Original Color
4B7465

Achromatopsia
666666

Achromatomaly
5C6B66

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B7465 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 #4B7465 looks like.

```
.text, #text, p{  
    color:#4B7465  
}
```

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 #4B7465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7465
}
```

Border

The CSS property to change the border of an element to Hex 4B7465 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".

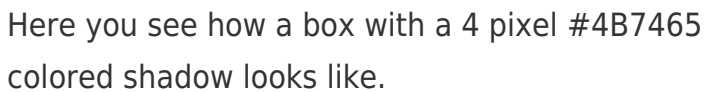
```
.border, #border, table{ border:4px solid
#4B7465 }
```

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

```
.border{ border-color:#4B7465 }
```

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

Here you see how a box with a 4 pixel #4B7465 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7465; -webkit-box-shadow:4px 4px  
4px 4px #4B7465; box-shadow:4px 4px 4px  
4px #4B7465 }
```

Background

The CSS property to change the background color of an element to Hex 4B7465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7465 }
```

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

```
.background{ background-color:#4B7465 }
```

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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