

Converting Colors

Hex(4B745A)

Have a look what the booklet for
Hex(4B745A) contains.

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Color

Hex(4B745A)

Conversions

Conversions Part 1

Format	Color
Hex	4B745A
RGB	75, 116, 90
RGB Percent	29%, 45%, 35%
CMY	0.7059, 0.5451, 0.6471
CMYK	0.35, 0.00, 0.22, 0.55
HSL	142°, 21%, 37%
HSV	142°, 35%, 45%
XYZ	10.9925, 14.7248, 11.9357
YIQ	100.7770, -16.0900, -16.7780

Conversions

Conversions Part 2

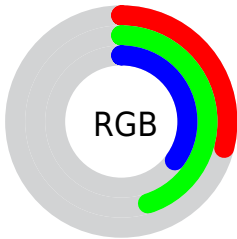
Format	Color
RYB	75, 105, 116
Decimal	4944986
CIELab	45.25, -20.42, 9.89
CIELCh	45, 22.694, 154.151
Yxy	14.7248, 0.2919, 0.3911
Android (android.graphics.Color)	4283135066 (0xFF4B745A)
YUV	100.7770, -5.3131, -22.6064
Hunter-Lab	38.3729, -16.0186, 8.4193

Details

The Hex color **4B745A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **744B65**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **7DA88C**, and **1C432C** is the 20% darker color. If you saturate the color by 10%, you get **3F7453**, and if you desaturate by 10%, it is **577461**.

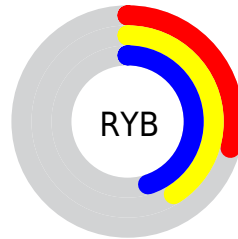
Distribution



Red (29%)

Green (45%)

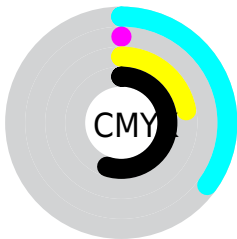
Blue (35%)



Red (29%)

Yellow (41%)

Blue (45%)

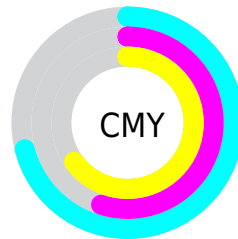


Cyan (35%)

Magenta (0%)

Yellow (22%)

Black (55%)



Cyan (71%)

Magenta (55%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B745A 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 4B745A by changing the saturation by 10% instead.



4B745A



4B745A

FFFFFF



335B43



7DA88C



1C432C



98C4A6



032D18



B3E0C2



001A00



CEFCDE



000000



EBFFFA



4B745A



4B745A



3F7453



577461



34744B



627469

■ 287444

■ 6E7470

■ 1D743D

■ 797477

■ 117435

■ 85747F

■ 05742E

■ 917486

■ 00742A

■ 9C748D

■ A87495

■ B3749C

Harmonies

Analogous

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



61704B



4B745A



36766D

Triad

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



4B745A



566C91



8F5F57

Complementary

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



4B745A



744B65

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.



905D69



4B745A



71658A

Square

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



4B745A



3A718D



855F7C



86644A

Rectangle

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



4B745A



2C757A



855F7C



915E5D

Sweetspot

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



4B745A



86968C



66744B



434D46



CCCCCC



4D4D4D

Same Dimension

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



4B745A



57966E



4B746E



353B37



007A2D



00FA5B

Inverse Universe

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



744B65



96577F



744B51



3B3539



7A004E



FA009E

Previews

White Background



This preview shows how the Hex color 4B745A looks on a white background.

Color Contrast Check

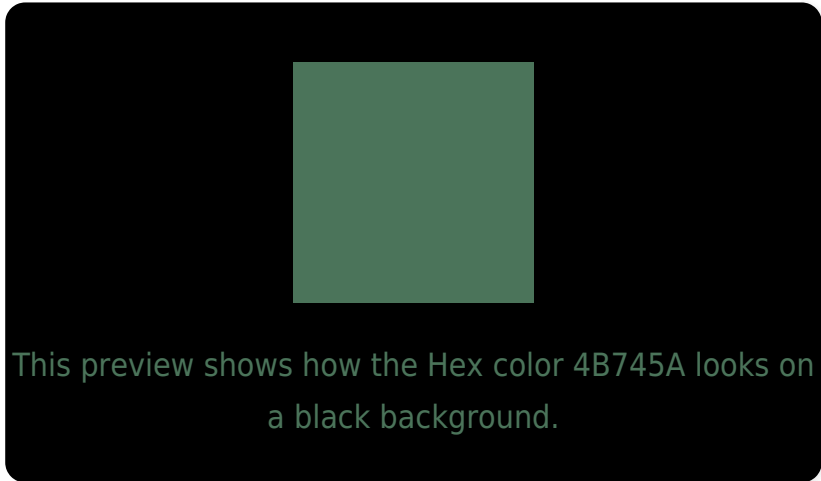
Large Text (above 18pt) WCAG AA ✓ Pass

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

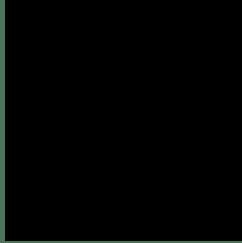
Any Text WCAG AA × Fail

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 4B745A Background



This preview shows how black text looks on a background with the Hex color 4B745A.



This preview shows how white text looks on a background with the Hex color 4B745A.

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
4B745A

Protanopia
716A55

Deuteranopia
7A675D



Tritanopia
527079

Trichromacy



Original Color
4B745A

Protanomaly
636E57

Deuteranomaly
696C5C

Tritanomaly
4F716E

Monochromacy



Original Color
4B745A

Achromatopsia
656565

Achromatomaly
5C6A61

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B745A 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 #4B745A looks like.

```
.text, #text, p{  
    color:#4B745A  
}
```

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 #4B745A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B745A
}
```

Border

The CSS property to change the border of an element to Hex 4B745A 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".

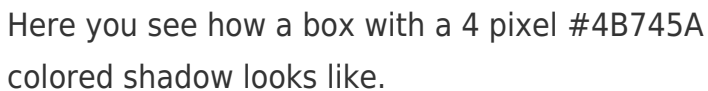
```
.border, #border, table{ border:4px solid
#4B745A }
```

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

```
.border{ border-color:#4B745A }
```

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

Here you see how a box with a 4 pixel #4B745A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B745A; -webkit-box-shadow:4px 4px  
4px 4px #4B745A; box-shadow:4px 4px 4px  
4px #4B745A }
```

Background

The CSS property to change the background color of an element to Hex 4B745A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B745A }
```

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

```
.background{ background-color:#4B745A }
```

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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