

Converting Colors

Hex(4B654B)

Have a look what the booklet for
Hex(4B654B) contains.

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Color

Hex(4B654B)

Conversions

Conversions Part 1

Format	Color
Hex	4B654B
RGB	75, 101, 75
RGB Percent	29%, 40%, 29%
CMY	0.7059, 0.6039, 0.7059
CMYK	0.26, 0.00, 0.26, 0.60
HSL	120°, 15%, 35%
HSV	120°, 26%, 40%
XYZ	8.8253, 11.3112, 8.3747
YIQ	90.2620, -7.1500, -13.5980

Conversions

Conversions Part 2

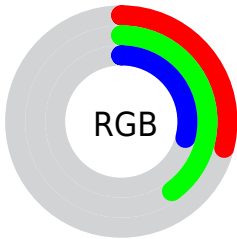
Format	Color
RYB	75, 101, 101
Decimal	4941131
CIELab	40.10, -15.40, 11.67
CIElCh	40, 19.319, 142.843
Yxy	11.3112, 0.3095, 0.3967
Android (android.graphics.Color)	4283131211 (0xFF4B654B)
YUV	90.2620, -7.5242, -13.3848
Hunter-Lab	33.6322, -12.0165, 8.7787

Details

The Hex color **4B654B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **654B65**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7C987C**, and **1E361F** is the 20% darker color. If you saturate the color by 10%, you get **416541**, and if you desaturate by 10%, it is **556555**.

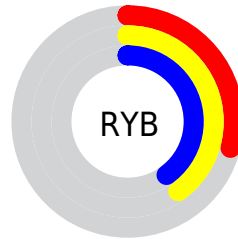
Distribution



Red (29%)

Green (40%)

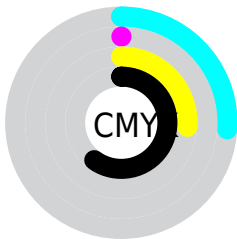
Blue (29%)



Red (29%)

Yellow (40%)

Blue (40%)

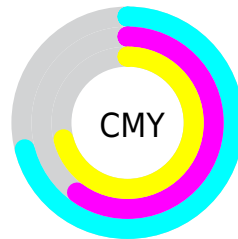


Cyan (26%)

Magenta (0%)

Yellow (26%)

Black (60%)



Cyan (71%)

Magenta (60%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B654B 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 4B654B by changing the saturation by 10% instead.



4B654B



4B654B

FFFFFF



344D34



7C987C



1E361F



96B396



092108



B1CEB0



000100



CDEBCC



000000



E9FFE8



4B654B



4B654B



416541



556555



376537



5F655F

■ 2D652D

■ 696569

■ 236523

■ 736573

■ 196519

■ 7E657E

■ 0E650E

■ 886588

■ 046504

■ 926592

■ 006500

■ 9C659C

■ A665A6

Harmonies

Analogous

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



5D6141



4B654B



39675A

Triad

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



4B654B



44617D



7E5353

Complementary

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



4B654B



654B65

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.



7B5363



4B654B



5C5C7B

Square

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



4B654B



316577



6F5672



795746

Rectangle

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



4B654B



306765



6F5672



7E5358

Sweetspot

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



4B654B



788278



65654B



3C423C



C2C2C2



424242

Same Dimension

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



4B654B



5A825A



4B6558



2E332E



007300



00F200

Inverse Universe

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



654B65



825A82



654B58



332E33



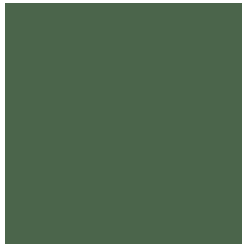
730073



F200F2

Previews

White Background



This preview shows how the Hex color 4B654B looks on a white background.

Color Contrast Check

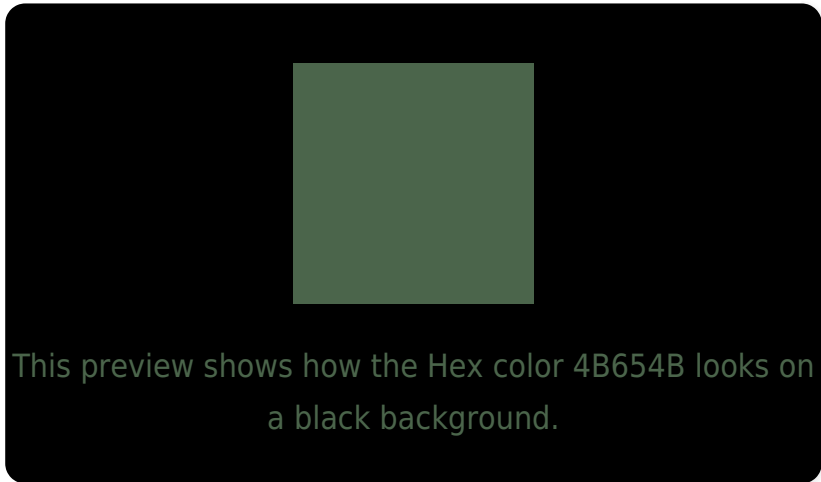
Large Text (above 18pt) WCAG AA ✓ Pass

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

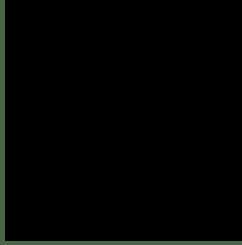
Any Text WCAG AA × Fail

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 4B654B Background



This preview shows how black text looks on a background with the Hex color 4B654B.



This preview shows how white text looks on a background with the Hex color 4B654B.

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
4B654B

Protanopia
655E48

Deuteranopia
6D5B4D



Tritanopia
506169

Trichromacy



Original Color
4B654B

Protanomaly
5C6149

Deuteranomaly
615F4C

Tritanomaly
4E625E

Monochromacy



Original Color
4B654B

Achromatopsia
5A5A5A

Achromatomaly
555E55

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B654B 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 #4B654B looks like.

```
.text, #text, p{  
    color:#4B654B  
}
```

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 #4B654B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B654B
}
```

Border

The CSS property to change the border of an element to Hex 4B654B 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".

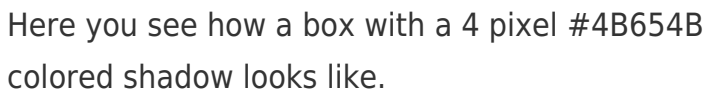
```
.border, #border, table{ border:4px solid
#4B654B }
```

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

```
.border{ border-color:#4B654B }
```

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

Here you see how a box with a 4 pixel #4B654B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B654B; -webkit-box-shadow:4px 4px  
4px 4px #4B654B; box-shadow:4px 4px 4px  
4px #4B654B }
```

Background

The CSS property to change the background color of an element to Hex 4B654B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B654B }
```

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

```
.background{ background-color:#4B654B }
```

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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