

Converting Colors

Hex(4B7B41)

Have a look what the booklet for
Hex(4B7B41) contains.

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Color

Hex(4B7B41)

Conversions

Conversions Part 1

Format	Color
Hex	4B7B41
RGB	75, 123, 65
RGB Percent	29%, 48%, 25%
CMY	0.7059, 0.5176, 0.7451
CMYK	0.39, 0.00, 0.47, 0.52
HSL	110°, 31%, 37%
HSV	110°, 47%, 48%
XYZ	10.9387, 16.0434, 7.5212
YIQ	102.0360, -9.9900, -28.2140

Conversions

Conversions Part 2

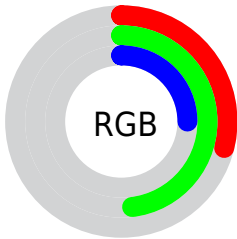
Format	Color
RYB	65, 123, 113
Decimal	4946753
CIELab	47.03, -28.48, 26.61
CIELCh	47, 38.978, 136.938
Yxy	16.0434, 0.3170, 0.4650
Android (android.graphics.Color)	4283136833 (0xFF4B7B41)
YUV	102.0360, -18.2587, -23.7106
Hunter-Lab	40.0542, -21.3469, 16.9048

Details

The Hex color **4B7B41** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **71417B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7EB072**, and **194A13** is the 20% darker color. If you saturate the color by 10%, you get **417B35**, and if you desaturate by 10%, it is **557B4D**.

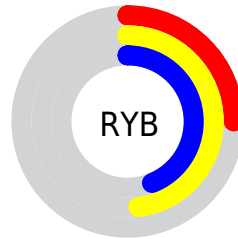
Distribution



Red (29%)

Green (48%)

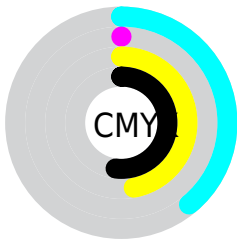
Blue (25%)



Red (25%)

Yellow (48%)

Blue (44%)

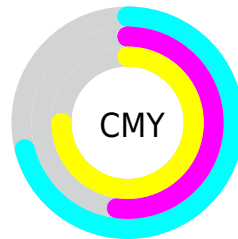


Cyan (39%)

Magenta (0%)

Yellow (47%)

Black (52%)



Cyan (71%)

Magenta (52%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B7B41 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 4B7B41 by changing the saturation by 10% instead.



4B7B41



4B7B41

FFFFFF



32622A



7EB072



194A13



99CB8C



003300



B4E8A6



002000



D0FFC2



000000



EDFFDE



FFFFFFA



4B7B41



4B7B41



417B35



557B4D

 377B28

 5F7B5A

 2C7B1C

 6A7B66

 227B10

 747B72

 187B03

 7E7B7E

 157B00

 887B8B

 927B97

 9C7BA3

 A77BB0

Harmonies

Analogous

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



70732E



4B7B41



017F60

Triad

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



4B7B41



0077AF



AD545E

Complementary

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



4B7B41



71417B

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.



A5557F



4B7B41



5A6DAE

Square

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



4B7B41



007E9F



895F9D



A45D41

Rectangle

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



4B7B41



008076



895F9D



AC5369

Sweetspot

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



4B7B41



8EA18A



7B7041



465244



D1D1D1



525252

Same Dimension

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



4B7B41



55A145



417B53



383D37



167D00



2CFC00

Inverse Universe

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



71417B



9145A1



7B4169



3C373D



67007D



D100FC

Previews

White Background



This preview shows how the Hex color 4B7B41 looks on a white background.

Color Contrast Check

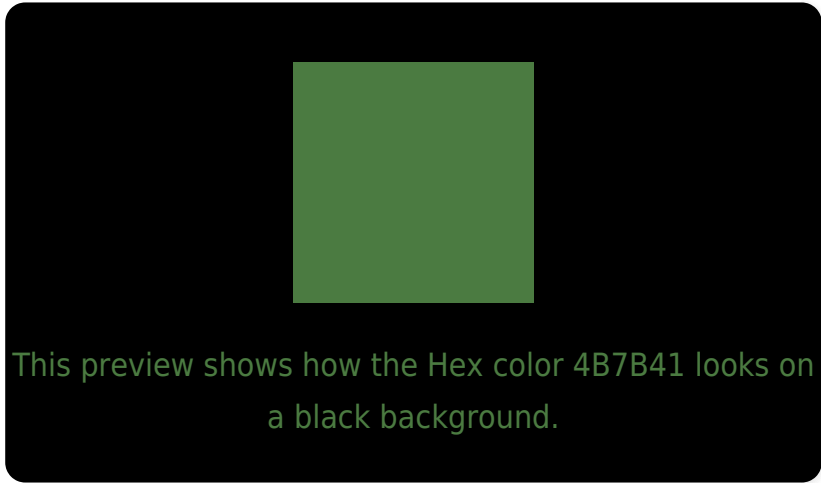
Large Text (above 18pt) WCAG AA ✓ Pass

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 4B7B41 Background



This preview shows how black text looks on a background with the Hex color 4B7B41.



This preview shows how white text looks on a background with the Hex color 4B7B41.

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
56747E

Trichromacy



Original Color
4B7B41

Protanomaly
69733E

Deuteranomaly
717044

Tritanomaly
527768

Monochromacy



Original Color
4B7B41

Achromatopsia
666666

Achromatomaly
5C6E59

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B7B41 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 #4B7B41 looks like.

```
.text, #text, p{  
    color:#4B7B41  
}
```

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 #4B7B41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7B41
}
```

Border

The CSS property to change the border of an element to Hex 4B7B41 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
#4B7B41 }
```

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

```
.border{ border-color:#4B7B41 }
```

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

Here you see how a box with a 4 pixel #4B7B41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7B41; -webkit-box-shadow:4px 4px  
4px 4px #4B7B41; box-shadow:4px 4px 4px  
4px #4B7B41 }
```

Background

The CSS property to change the background color of an element to Hex 4B7B41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7B41 }
```

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

```
.background{ background-color:#4B7B41 }
```

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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