

# Converting Colors

Hex(4B6B4B)

Have a look what the booklet for  
Hex(4B6B4B) contains.

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# Color

Hex(4B6B4B)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 4B6B4B                     |
| RGB         | 75, 107, 75                |
| RGB Percent | 29%, 42%, 29%              |
| CMY         | 0.7059, 0.5804, 0.7059     |
| CMYK        | 0.30, 0.00, 0.30, 0.58     |
| HSL         | 120°, 18%, 36%             |
| HSV         | 120°, 30%, 42%             |
| XYZ         | 9.4293, 12.5192, 8.5761    |
| YIQ         | 93.7840, -8.8000, -16.7360 |

# Conversions

## Conversions Part 2

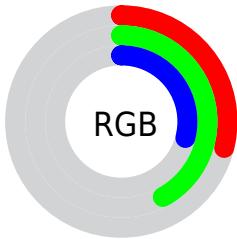
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 75, 107, 107                  |
| Decimal                             | 4942667                       |
| CIELab                              | 42.03, -18.66, 14.32          |
| CIElCh                              | 42, 23.524, 142.502           |
| Yxy                                 | 12.5192, 0.3089,<br>0.4101    |
| Android<br>(android.graphics.Color) | 4283132747<br>(0xFF4B6B4B)    |
| YUV                                 | 93.7840, -9.2605,<br>-16.4736 |
| Hunter-Lab                          | 35.3825, -14.3497,<br>10.3970 |

# Details

The Hex color **4B6B4B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6B4B6B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7D9F7C**, and **1D3B1F** is the 20% darker color. If you saturate the color by 10%, you get **406B40**, and if you desaturate by 10%, it is **566B56**.

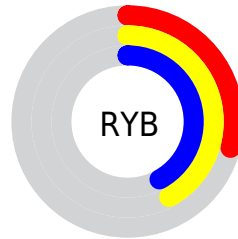
# Distribution



Red (29%)

Green (42%)

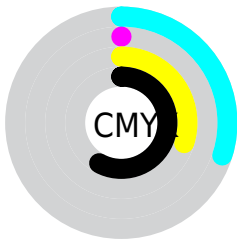
Blue (29%)



Red (29%)

Yellow (42%)

Blue (42%)

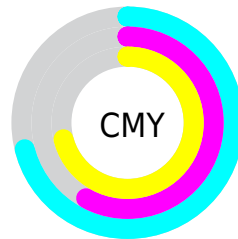


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (58%)



Cyan (71%)

Magenta (58%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B6B4B 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 4B6B4B by changing the saturation by 10% instead.





4B6B4B



4B6B4B

FFFFFF



345334



7D9F7C



1D3B1F



97BA96



082508



B2D5B1



000E00



CEF2CC



000000



EAF FE8



4B6B4B



4B6B4B



406B40



566B56



366B36



606B60


 2B6B2B

 6B6B6B

 206B20

 766B76

 166B16

 816B81

 0B6B0B

 8B6B8B

 006B00

 966B96

 A16BA1

 AB6BAB

# Harmonies

## Analogous

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



61673F



4B6B4B



336D5D

# Triad

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



4B6B4B



406789



895555

# Complementary

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



4B6B4B



6B4B6B

# 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.



865569



4B6B4B



5F6087

# Square

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



4B6B4B



236B81



77597B



835A45

# Rectangle

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



4B6B4B



246E6B



77597B



89545C



# Sweetspot

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



4B6B4B



808C80



6B6B4B



404740



C7C7C7



474747



# Same Dimension

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



4B6B4B



5A8C5A



4B6B5B



303630



007500



00F500



# Inverse Universe

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



6B4B6B



8C5A8C



6B4B5B



363036



750075



F500F5



# Previews

## White Background



This preview shows how the Hex color 4B6B4B looks on a white background.

## Color Contrast Check

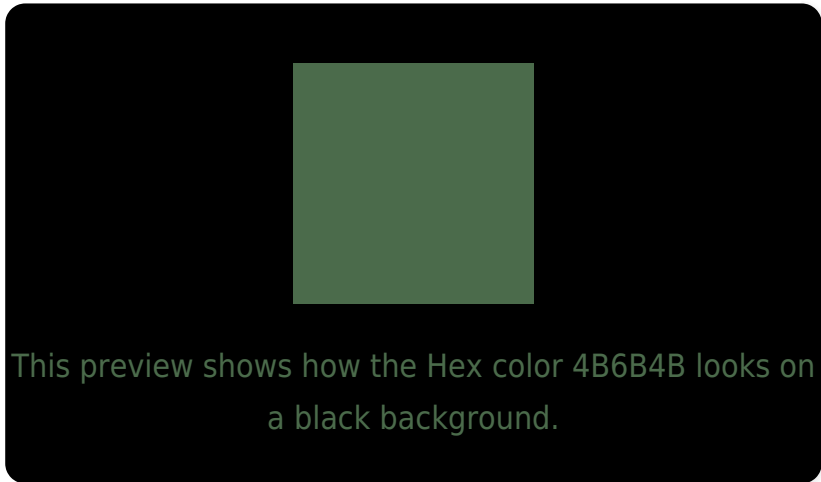
Large Text (above 18pt) WCAG AA ✓ Pass

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

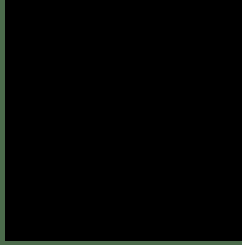
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4B6B4B Background



This preview shows how black text looks on a background with the Hex color 4B6B4B.



This preview shows how white text looks on a background with the Hex color 4B6B4B.

# 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**  
4B6B4B

**Protanopia**  
6A6347

**Deuteranopia**  
745F4E



**Tritanopia**  
51666F

# Trichromacy



**Original Color**  
4B6B4B

**Protanomaly**  
5F6648

**Deuteranomaly**  
65634D

**Tritanomaly**  
4F6862

# Monochromacy



**Original Color**  
4B6B4B

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
576357

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B6B4B 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 #4B6B4B looks like.

```
.text, #text, p{  
    color:#4B6B4B  
}
```

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 #4B6B4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6B4B
}
```

## Border

The CSS property to change the border of an element to Hex 4B6B4B 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".

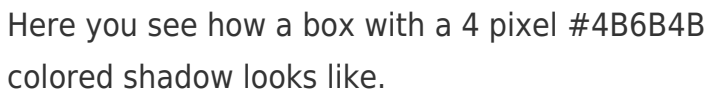
```
.border, #border, table{ border:4px solid
#4B6B4B }
```

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

```
.border{ border-color:#4B6B4B }
```

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

Here you see how a box with a 4 pixel #4B6B4B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6B4B; -webkit-box-shadow:4px 4px  
4px 4px #4B6B4B; box-shadow:4px 4px 4px  
4px #4B6B4B }
```

# Background

The CSS property to change the background color of an element to Hex 4B6B4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6B4B }
```

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

```
.background{ background-color:#4B6B4B }
```

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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