

# Converting Colors

Hex(4B7141)

Have a look what the booklet for  
Hex(4B7141) contains.

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# Color

**Hex(4B7141)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B7141
RGB	75, 113, 65
RGB Percent	29%, 44%, 25%
CMY	0.7059, 0.5569, 0.7451
CMYK	0.34, 0.00, 0.42, 0.56
HSL	107°, 27%, 35%
HSV	107°, 42%, 44%
XYZ	9.7609, 13.6878, 7.1286
YIQ	96.1660, -7.2400, -22.9840

# Conversions

## Conversions Part 2

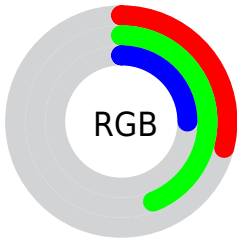
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 113, 103
Decimal	4944193
CIELab	43.78, -23.53, 22.46
CIELCh	44, 32.534, 136.332
Yxy	13.6878, 0.3192, 0.4476
Android (android.graphics.Color)	4283134273 (0xFF4B7141)
YUV	96.1660, -15.3648, -18.5626
Hunter-Lab	36.9970, -17.6511, 14.4739

# Details

The Hex color **4B7141** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **674171**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7DA572**, and **1B4115** is the 20% darker color. If you saturate the color by 10%, you get **427136**, and if you desaturate by 10%, it is **54714C**.

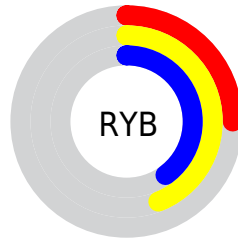
# Distribution



Red (29%)

Green (44%)

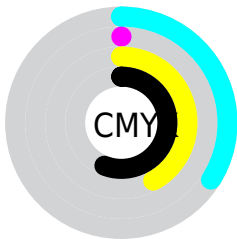
Blue (25%)



Red (25%)

Yellow (44%)

Blue (40%)

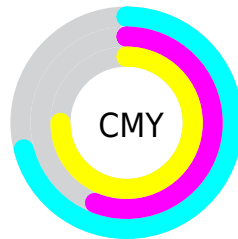


Cyan (34%)

Magenta (0%)

Yellow (42%)

Black (56%)



Cyan (71%)

Magenta (56%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B7141 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 4B7141 by changing the saturation by 10% instead.





4B7141



4B7141

FFFFFF



33582A



7DA572



1B4115



98C08B



062A00



B3DCA6



001600



CFF9C1



000000



EBFFDD



FFFFFFA



4B7141



4B7141



427136



54714C

■ 39712A

■ 5D7158

■ 30711F

■ 667163

■ 277114

■ 6F716E

■ 1E7109

■ 78717A

■ 187100

■ 817185

■ 8A7190

■ 93719B

■ 9C71A7

# Harmonies

## Analogous

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



696B32



4B7141



21755A

# Triad

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



4B7141



176E9C



9B525A

# Complementary

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



4B7141



674171

# 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.



945375



4B7141



56659B

# Square

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



4B7141



00738E



7D5B8D



945842

# Rectangle

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



4B7141



00756D



7D5B8D



9A5163



# Sweetspot

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



4B7141



859481



716741



414A3E



C9C9C9



4A4A4A



# Same Dimension

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



4B7141



589448



41714F



343832



197800



34F700



# Inverse Universe

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



674171



844894



714163



373238



5F0078



C400F7



# Previews

## White Background



This preview shows how the Hex color 4B7141 looks on a white background.

## Color Contrast Check

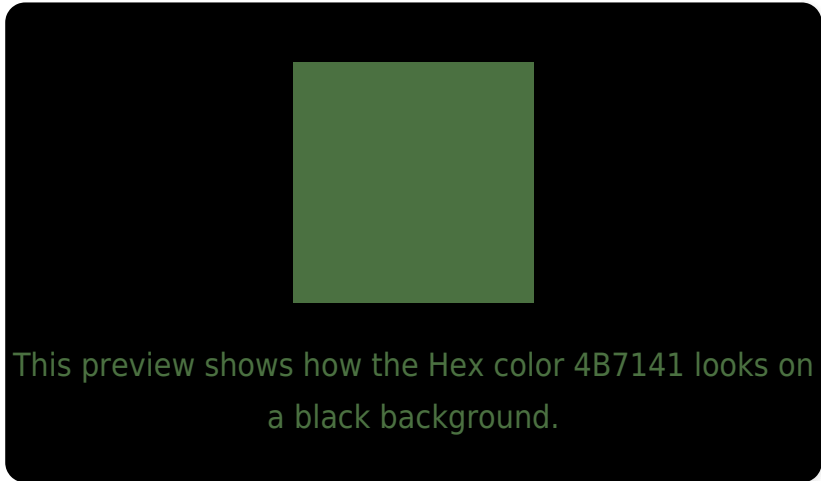
Large Text (above 18pt) WCAG AA ✓ Pass

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

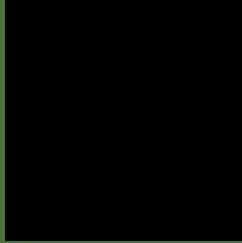
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B7141 Background



This preview shows how black text looks on a background with the Hex color 4B7141.



This preview shows how white text looks on a background with the Hex color 4B7141.

# 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**  
4B7141

**Protanopia**  
71673D

**Deuteranopia**  
7C6344

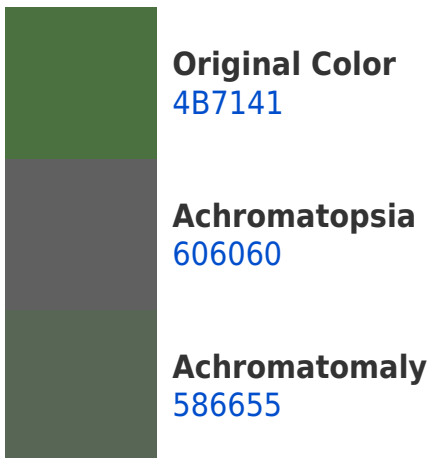


**Tritanopia**  
546B74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B7141 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 #4B7141 looks like.

```
.text, #text, p{  
    color:#4B7141  
}
```

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 #4B7141 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7141
}
```

## Border

The CSS property to change the border of an element to Hex 4B7141 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
#4B7141 }
```

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

```
.border{ border-color:#4B7141 }
```

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

Here you see how a box with a 4 pixel #4B7141 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7141; -webkit-box-shadow:4px 4px  
4px 4px #4B7141; box-shadow:4px 4px 4px  
4px #4B7141 }
```

# Background

The CSS property to change the background color of an element to Hex 4B7141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7141 }
```

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

```
.background{ background-color:#4B7141 }
```

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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