

# Converting Colors

Hex(4B8147)

Have a look what the booklet for  
Hex(4B8147) contains.

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**Color**

**Hex(4B8147)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B8147
RGB	75, 129, 71
RGB Percent	29%, 51%, 28%
CMY	0.7059, 0.4941, 0.7216
CMYK	0.42, 0.00, 0.45, 0.49
HSL	116°, 29%, 39%
HSV	116°, 45%, 51%
XYZ	11.8892, 17.6513, 8.7416
YIQ	106.2420, -13.5660, -29.4860

# Conversions

## Conversions Part 2

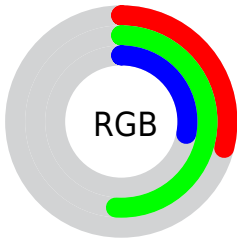
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 129, 125
Decimal	4948295
CIELab	49.07, -30.42, 25.91
CIELCh	49, 39.957, 139.574
Yxy	17.6513, 0.3106, 0.4611
Android (android.graphics.Color)	4283138375 (0xFF4B8147)
YUV	106.2420, -17.3743, -27.3992
Hunter-Lab	42.0135, -23.0105, 17.0731

# Details

The Hex color **4B8147** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D4781**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7FB678**, and **174F19** is the 20% darker color. If you saturate the color by 10%, you get **3F813A**, and if you desaturate by 10%, it is **578154**.

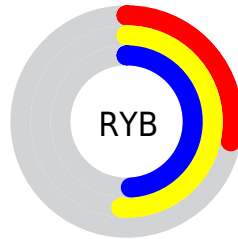
# Distribution



Red (29%)

Green (51%)

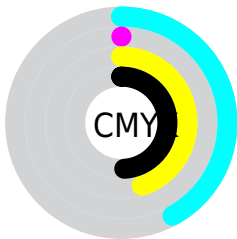
Blue (28%)



Red (28%)

Yellow (51%)

Blue (49%)

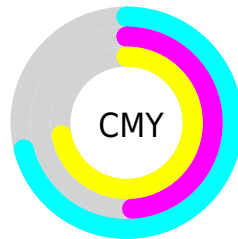


Cyan (42%)

Magenta (0%)

Yellow (45%)

Black (49%)



Cyan (71%)

Magenta (49%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B8147 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 4B8147 by changing the saturation by 10% instead.



 4B8147

 4B8147

FFFFFF

 326830

 7FB678

 174F19

 99D292

 003801

 B5EFAD

 002300

 D1FFC9

 000000

 EEFFE5

 4B8147

 4B8147

 3F813A

 578154

 33812D

 638161

 278120

 6F816E

 1B8113

 7B817B

 0F8107

 878188

 098100

 938194

 9F81A1

 AB81AE

 B781BB

# Harmonies

## Analogous

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



737A32



4B8147



008567

# Triad

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



4B8147



007CB7



B45960

# Complementary

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



4B8147



7D4781

# 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.



AD5982



4B8147



6370B4

# Square

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



4B8147



0083A7



9363A1



AA6242

# Rectangle

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



4B8147



00867F



9363A1



B4586B



# Sweetspot

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



4B8147



94A892



817C47



485447



D4D4D4



545454



# Same Dimension

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



4B8147



54A84D



47815F



3A4039



098000



000000



# Inverse Universe

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



7D4781



A24DA8



814769



3F3940



770080



000000



# Previews

## White Background



This preview shows how the Hex color 4B8147 looks on a white background.

## Color Contrast Check

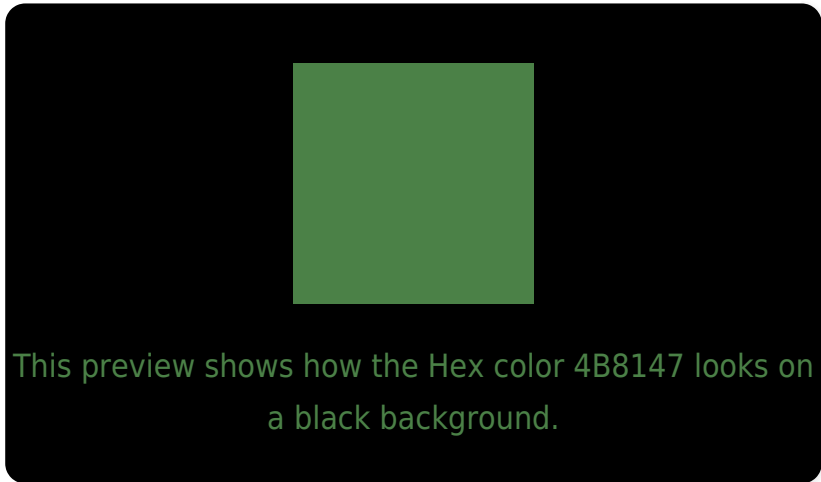
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

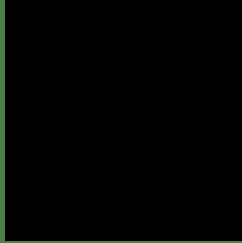
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4B8147 Background



This preview shows how black text looks on a background with the Hex color 4B8147.



This preview shows how white text looks on a background with the Hex color 4B8147.

# 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**  
4B8147

**Protanopia**  
7F7442

**Deuteranopia**  
8C6F4B



**Tritanopia**  
577A84

# Trichromacy



**Original Color**  
4B8147

**Protanomaly**  
6C7944

**Deuteranomaly**  
74764A

**Tritanomaly**  
537D6E

# Monochromacy



**Original Color**  
4B8147

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
5F725D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B8147 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 #4B8147 looks like.

```
.text, #text, p{  
    color:#4B8147  
}
```

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 #4B8147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B8147
}
```

## Border

The CSS property to change the border of an element to Hex 4B8147 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
#4B8147 }
```

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

```
.border{ border-color:#4B8147 }
```

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

Here you see how a box with a 4 pixel #4B8147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B8147; -webkit-box-shadow:4px 4px  
4px 4px #4B8147; box-shadow:4px 4px 4px  
4px #4B8147 }
```

# Background

The CSS property to change the background color of an element to Hex 4B8147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B8147 }
```

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

```
.background{ background-color:#4B8147 }
```

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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