

# Converting Colors

Hex(4B8161)

Have a look what the booklet for  
Hex(4B8161) contains.

<b>Hex(4B8161)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(4B8161)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B8161
RGB	75, 129, 97
RGB Percent	29%, 51%, 38%
CMY	0.7059, 0.4941, 0.6196
CMYK	0.42, 0.00, 0.25, 0.49
HSL	144°, 26%, 40%
HSV	144°, 42%, 51%
XYZ	12.9096, 18.0594, 14.1147
YIQ	109.2060, -21.9120, -21.4000

# Conversions

## Conversions Part 2

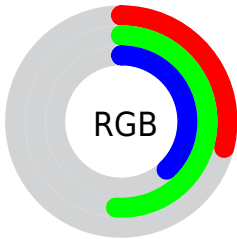
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 113, 129
Decimal	4948321
CIE <sub>Lab</sub>	49.57, -25.60, 11.83
CIE <sub>LCh</sub>	50, 28.205, 155.205
Y <sub>xy</sub>	18.0594, 0.2863, 0.4006
Android (android.graphics.Color)	4283138401 (0xFF4B8161)
YUV	109.2060, -6.0176, -29.9987
Hunter-Lab	42.4964, -20.1439, 10.0550

# Details

The Hex color **4B8161** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **814B6B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7EB694**, and **194F33** is the 20% darker color. If you saturate the color by 10%, you get **3E8159**, and if you desaturate by 10%, it is **588169**.

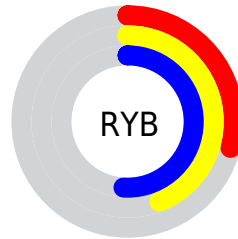
# Distribution



Red (29%)

Green (51%)

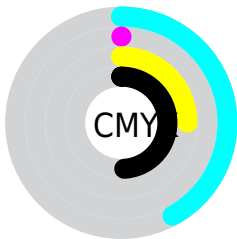
Blue (38%)



Red (29%)

Yellow (44%)

Blue (51%)

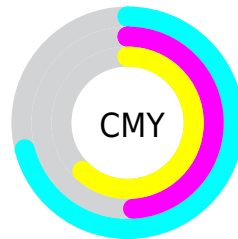


Cyan (42%)

Magenta (0%)

Yellow (25%)

Black (49%)



Cyan (71%)

Magenta (49%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B8161 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 4B8161 by changing the saturation by 10% instead.





4B8161



4B8161

FFFFFF



326849



7EB694



194F33



99D2AE



00381D



B4EECA



002305



D0FFE6



000000



EDFFFF



4B8161



4B8161



3E8159



588169



318152



658170

■ 24814A

■ 728178

■ 178142

■ 7F8180

■ 0A813B

■ 8C8187

■ 008135

■ 98818F

■ A58197

■ B2819E

■ BF81A6

# Harmonies

## Analogous

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



687D4E



4B8161



2B8379

# Triad

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



4B8161



5A77A5



A3665B

# Complementary

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



4B8161



814B6B

# 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.



A46373



4B8161



7E6E9D

# Square

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



4B8161



317EA1



98668A



966E4B

# Rectangle

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



4B8161



178289



98668A



A46563



# Sweetspot

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



4B8161



92A89B



6B814B



47544C



D4D4D4



545454



# Same Dimension

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



4B8161



54A876



4B817C



39403C



008034



000000



# Inverse Universe

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



814B6B



A85486



814B50



40393D



80004C

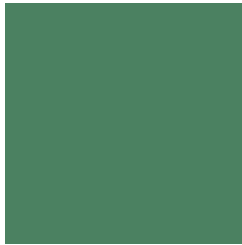


000000



# Previews

## White Background



This preview shows how the Hex color 4B8161 looks on a white background.

## Color Contrast Check

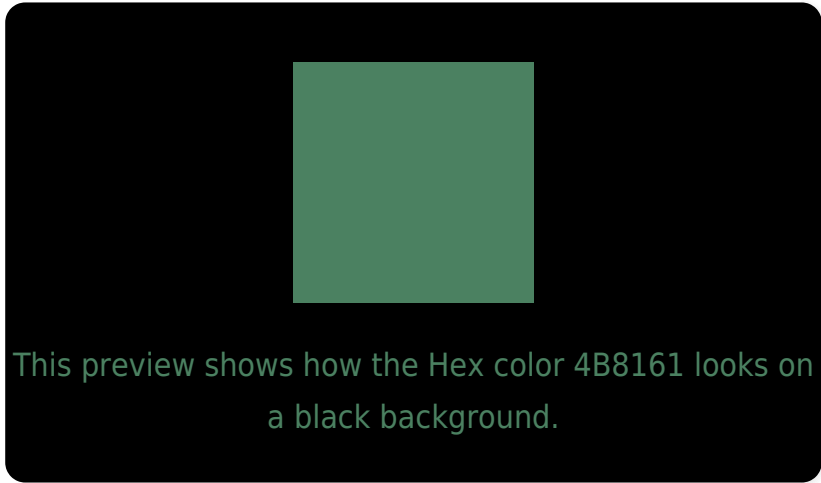
Large Text (above 18pt) WCAG AA ✓ Pass

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

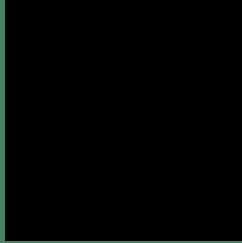
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4B8161 Background



This preview shows how black text looks on a background with the Hex color 4B8161.

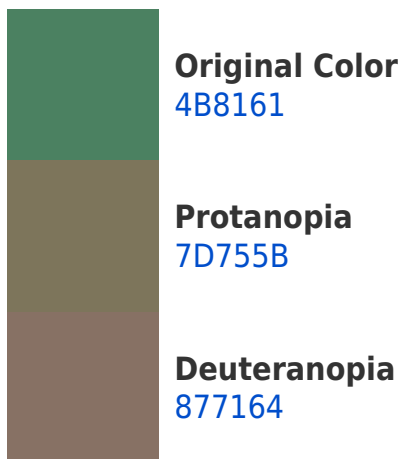



This preview shows how white text looks on a background with the Hex color 4B8161.

# 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**  
547C86

# Trichromacy



**Original Color**  
4B8161

**Protanomaly**  
6B795D

**Deuteranomaly**  
717763

**Tritanomaly**  
517E79

# Monochromacy



**Original Color**  
4B8161

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
617469

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B8161 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 #4B8161 looks like.

```
.text, #text, p{  
    color:#4B8161  
}
```

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 #4B8161 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B8161
}
```

## Border

The CSS property to change the border of an element to Hex 4B8161 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
#4B8161 }
```

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

```
.border{ border-color:#4B8161 }
```

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

Here you see how a box with a 4 pixel #4B8161 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B8161; -webkit-box-shadow:4px 4px  
4px 4px #4B8161; box-shadow:4px 4px 4px  
4px #4B8161 }
```

# Background

The CSS property to change the background color of an element to Hex 4B8161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B8161 }
```

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

```
.background{ background-color:#4B8161 }
```

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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