

# Converting Colors

Hex(4B7772)

Have a look what the booklet for  
Hex(4B7772) contains.

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**Color**

**Hex(4B7772)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B7772
RGB	75, 119, 114
RGB Percent	29%, 47%, 45%
CMY	0.7059, 0.5333, 0.5529
CMYK	0.37, 0.00, 0.04, 0.53
HSL	173°, 23%, 38%
HSV	173°, 37%, 47%
XYZ	12.5357, 15.9044, 18.3287
YIQ	105.2740, -24.6190, -10.8830

# Conversions

## Conversions Part 2

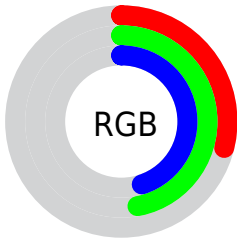
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 98, 119
Decimal	4945778
CIELab	46.85, -16.39, -2.07
CIELCh	47, 16.519, 187.199
Yxy	15.9044, 0.2680, 0.3401
Android (android.graphics.Color)	4283135858 (0xFF4B7772)
YUV	105.2740, 4.3019, -26.5503
Hunter-Lab	39.8803, -13.6820, 0.6669

# Details

The Hex color **4B7772** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **774B50**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7EABA6**, and **1A4642** is the 20% darker color. If you saturate the color by 10%, you get **3F7771**, and if you desaturate by 10%, it is **577773**.

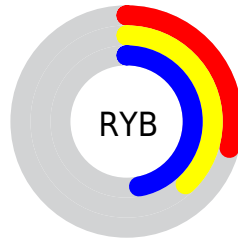
# Distribution



Red (29%)

Green (47%)

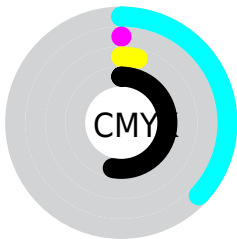
Blue (45%)



Red (29%)

Yellow (38%)

Blue (47%)

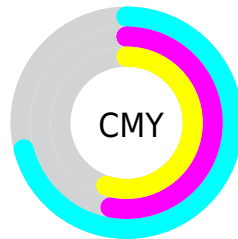


Cyan (37%)

Magenta (0%)

Yellow (4%)

Black (53%)



Cyan (71%)

Magenta (53%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B7772 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 4B7772 by changing the saturation by 10% instead.





4B7772



4B7772

FFFFFF



335E5A



7EABA6



1A4642



98C7C1



00302C



B4E3DD



001C18



D0FFF9



000000



ECFFFF



4B7772



4B7772



3F7771



577773



33776F



637775

■ 27776E

■ 6F7776

■ 1B776D

■ 7B7777

■ 0F776B

■ 867779

■ 04776A

■ 92777A

■ 007769

■ 9E777B

■ AA777D

■ B6777E

# Harmonies

## Analogous

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



577664



4B7772



48767F

# Triad

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



4B7772



766A85



836B56

# Complementary

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



4B7772



774B50

# 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.



8A675F



4B7772



84677A

# Square

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



4B7772



636F8A



8B656C



766F54

# Rectangle

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



4B7772



4D7486



8B656C



866958



# Sweetspot

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



4B7772



8A9C9A



50774B



454F4E



CFCFCF



4F4F4F



# Same Dimension

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



4B7772



579C94



4B6677



353B3A



007A6C



00FADE



# Inverse Universe

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



774B50



9C575F



775C4B



3B3535



7A000E



FA001C



# Previews

## White Background



This preview shows how the Hex color 4B7772 looks on a white background.

## Color Contrast Check

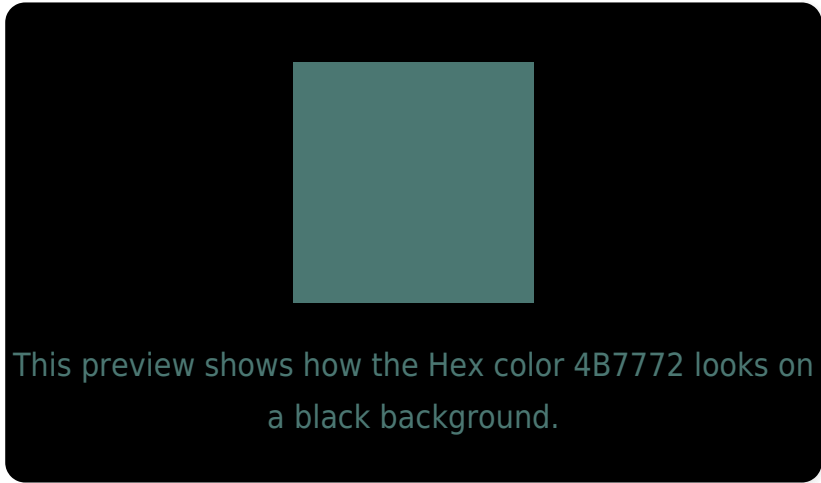
Large Text (above 18pt) WCAG AA ✓ Pass

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

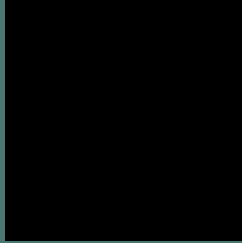
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B7772 Background



This preview shows how black text looks on a background with the Hex color 4B7772.



This preview shows how white text looks on a background with the Hex color 4B7772.

# 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**  
4B7772

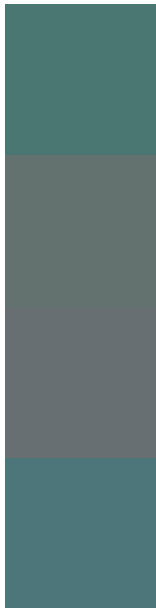
**Protanopia**  
716E6D

**Deuteranopia**  
776B74



**Tritanopia**  
4E757F

# Trichromacy



**Original Color**  
4B7772

**Protanomaly**  
63716F

**Deuteranomaly**  
676F73

**Tritanomaly**  
4D767A

# Monochromacy



**Original Color**  
4B7772

**Achromatopsia**  
696969

**Achromatomaly**  
5E6E6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B7772 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 #4B7772 looks like.

```
.text, #text, p{  
    color:#4B7772  
}
```

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 #4B7772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7772
}
```

## Border

The CSS property to change the border of an element to Hex 4B7772 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
#4B7772 }
```

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

```
.border{ border-color:#4B7772 }
```

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

Here you see how a box with a 4 pixel #4B7772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7772; -webkit-box-shadow:4px 4px  
4px 4px #4B7772; box-shadow:4px 4px 4px  
4px #4B7772 }
```

# Background

The CSS property to change the background color of an element to Hex 4B7772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7772 }
```

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

```
.background{ background-color:#4B7772 }
```

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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