

Converting Colors

Hex(4B7770)

Have a look what the booklet for
Hex(4B7770) contains.

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Color

Hex(4B7770)

Conversions

Conversions Part 1

Format	Color
Hex	4B7770
RGB	75, 119, 112
RGB Percent	29%, 47%, 44%
CMY	0.7059, 0.5333, 0.5608
CMYK	0.37, 0.00, 0.06, 0.53
HSL	170°, 23%, 38%
HSV	170°, 37%, 47%
XYZ	12.4231, 15.8594, 17.7356
YIQ	105.0460, -23.9770, -11.5050

Conversions

Conversions Part 2

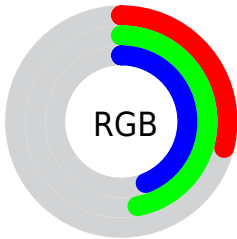
Format	Color
RYB	75, 99, 119
Decimal	4945776
CIELab	46.79, -16.90, -0.97
CIELCh	47, 16.925, 183.280
Yxy	15.8594, 0.2700, 0.3446
Android (android.graphics.Color)	4283135856 (0xFF4B7770)
YUV	105.0460, 3.4283, -26.3503
Hunter-Lab	39.8238, -14.0083, 1.4717

Details

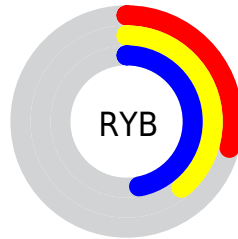
The Hex color **4B7770** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **774B52**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7EABA4**, and **1A4640** is the 20% darker color. If you saturate the color by 10%, you get **3F776E**, and if you desaturate by 10%, it is **577772**.

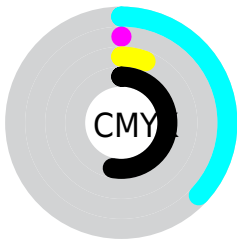
Distribution



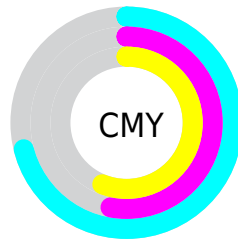
- Red (29%)
- Green (47%)
- Blue (44%)



- Red (29%)
- Yellow (39%)
- Blue (47%)



- Cyan (37%)
- Magenta (0%)
- Yellow (6%)
- Black (53%)



- Cyan (71%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B7770 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 4B7770 by changing the saturation by 10% instead.

■ 4B7770

■ 4B7770

FFFFFF

■ 335E58

■ 7EABA4

■ 1A4640

■ 98C7BF

■ 00302A

■ B3E3DB

■ 001C16

■ CFFFF7

■ 000000

■ ECEFFF

■ 4B7770

■ 4B7770

■ 3F776E

■ 577772

■ 33776C

■ 637774

■ 27776A

■ 6F7776

■ 1B7768

■ 7B7778

■ 0F7767

■ 867779

■ 047765

■ 92777B

■ 007764

■ 9E777D

■ AA777F

■ B67781

Harmonies

Analogous

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



587662



4B7770



46767E

Triad

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



4B7770



736B87



846A56

Complementary

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



4B7770



774B52

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.



8B6660



4B7770



83677C

Square

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



4B7770



60708B



8B656E



786E53

Rectangle

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



4B7770



4A7585



8B656E



876859

Sweetspot

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



4B7770



8A9C99



52774B



454F4D



CFCFCF



4F4F4F

Same Dimension

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



4B7770



579C91



4B6877



353B3A



007A67



00FAD2

Inverse Universe

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



774B52



9C5762



775A4B



3B3536



7A0013



FA0028

Previews

White Background



This preview shows how the Hex color 4B7770 looks on a white background.

Color Contrast Check

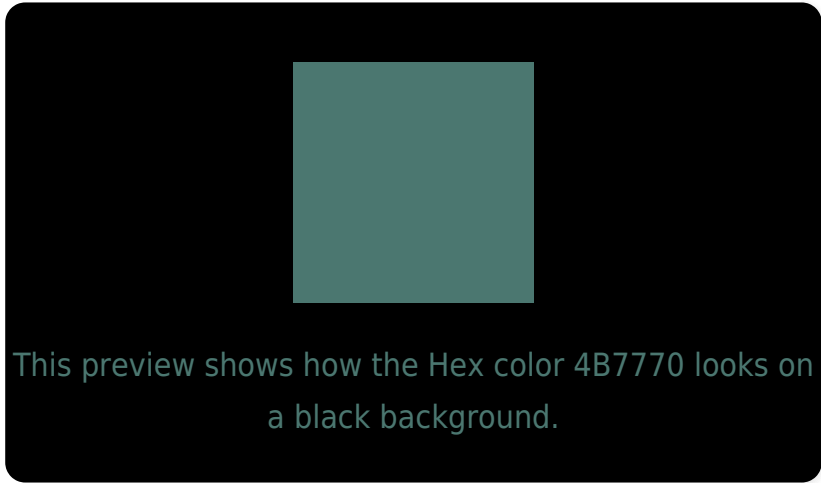
Large Text (above 18pt) WCAG AA ✓ Pass

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

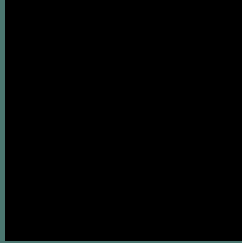
Any Text WCAG AA × Fail

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 4B7770 Background



This preview shows how black text looks on a background with the Hex color 4B7770.

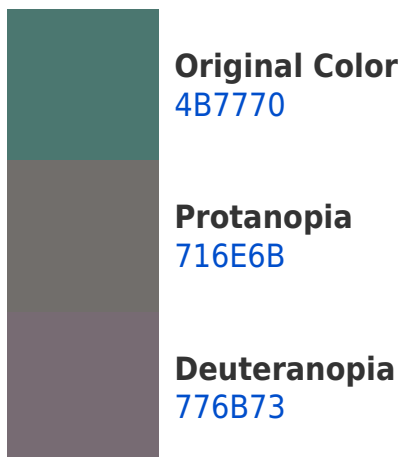


This preview shows how white text looks on a background with the Hex color 4B7770.

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](#).

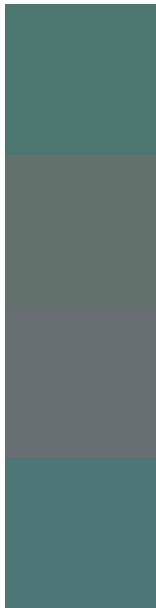
Dichromacy





Tritanopia
4F757E

Trichromacy



Original Color
4B7770

Protanomaly
63716D

Deuteranomaly
676F72

Tritanomaly
4E7679

Monochromacy



Original Color
4B7770

Achromatopsia
696969

Achromatomaly
5E6E6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B7770 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 #4B7770 looks like.

```
.text, #text, p{  
    color:#4B7770  
}
```

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 #4B7770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7770
}
```

Border

The CSS property to change the border of an element to Hex 4B7770 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
#4B7770 }
```

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

```
.border{ border-color:#4B7770 }
```

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

Here you see how a box with a 4 pixel #4B7770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7770; -webkit-box-shadow:4px 4px  
4px 4px #4B7770; box-shadow:4px 4px 4px  
4px #4B7770 }
```

Background

The CSS property to change the background color of an element to Hex 4B7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7770 }
```

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

```
.background{ background-color:#4B7770 }
```

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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