

Converting Colors

Hex(4C7774)

Have a look what the booklet for
Hex(4C7774) contains.

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Color

Hex(4C7774)

Conversions

Conversions Part 1

Format	Color
Hex	4C7774
RGB	76, 119, 116
RGB Percent	30%, 47%, 45%
CMY	0.7020, 0.5333, 0.5451
CMYK	0.36, 0.00, 0.03, 0.53
HSL	176°, 22%, 38%
HSV	176°, 36%, 47%
XYZ	12.7297, 15.9911, 18.9387
YIQ	105.8010, -24.6650, -10.0490

Conversions

Conversions Part 2

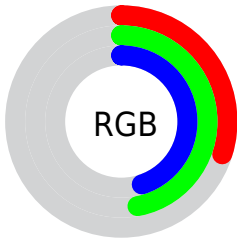
Format	Color
RYB	76, 98, 119
Decimal	5011316
CIELab	46.96, -15.57, -3.09
CIElCh	47, 15.877, 191.205
Yxy	15.9911, 0.2671, 0.3355
Android (android.graphics.Color)	4283201396 (0xFF4C7774)
YUV	105.8010, 5.0281, -26.1355
Hunter-Lab	39.9889, -13.1584, -0.0874

Details

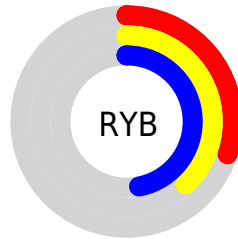
The Hex color **4C7774** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **774C4F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7FABA8**, and **1B4644** is the 20% darker color. If you saturate the color by 10%, you get **407773**, and if you desaturate by 10%, it is **587775**.

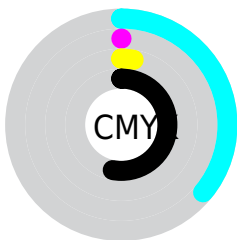
Distribution



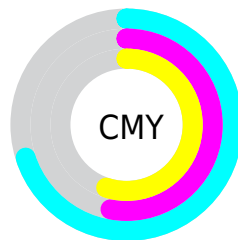
- Red (30%)
- Green (47%)
- Blue (45%)



- Red (30%)
- Yellow (38%)
- Blue (47%)



- Cyan (36%)
- Magenta (0%)
- Yellow (3%)
- Black (53%)



- Cyan (70%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C7774 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 4C7774 by changing the saturation by 10% instead.



4C7774



4C7774

FFFFFF



345E5B



7FABA8



1B4644



99C7C3



00302E



B5E3DF



001C19



D1FFFC



000000



EDFFFF



4C7774



4C7774



407773



587775



347772



647776

■ 287772

■ 707776

■ 1C7771

■ 7C7777

■ 107770

■ 877778

■ 05776F

■ 937779

■ 00776F

■ 9F777A

■ AB777B

■ B7777B

Harmonies

Analogous

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



577666



4C7774



4B7680

Triad

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



4C7774



786A83



816C56

Complementary

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



4C7774



774C4F

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.



89685E



4C7774



856778

Square

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



4C7774



666F89



8B666B



747055

Rectangle

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



4C7774



517486



8B666B



846A58

Sweetspot

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



4C7774



8A9C9A



50774C



454F4E



CFCFCF



4F4F4F

Same Dimension

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



4C7774



599C97



4C6577



353B3A



007A72



00FAE8

Inverse Universe

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



774C4F



9C595D



775E4C



3B3535



7A0009



FA0011

Previews

White Background



This preview shows how the Hex color 4C7774 looks on a white background.

Color Contrast Check

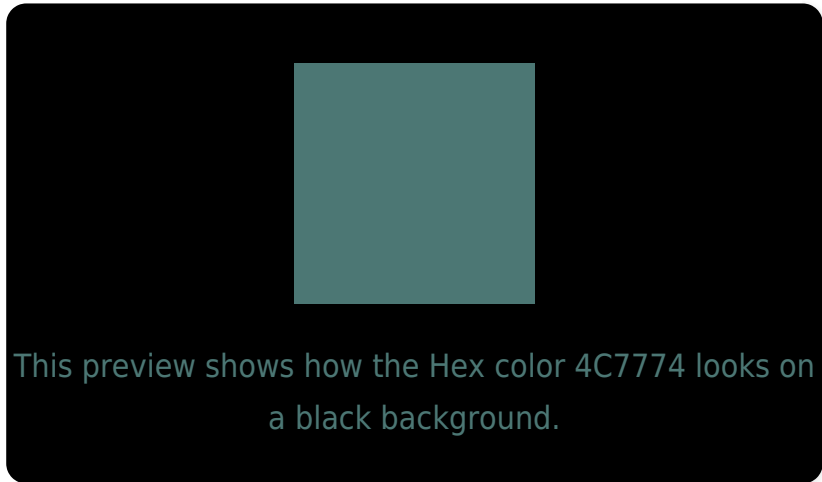
Large Text (above 18pt) WCAG AA ✓ Pass

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

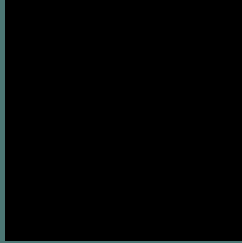
Any Text WCAG AA × Fail

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 4C7774 Background



This preview shows how black text looks on a background with the Hex color 4C7774.




This preview shows how white text looks on a background with the Hex color 4C7774.

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](#).

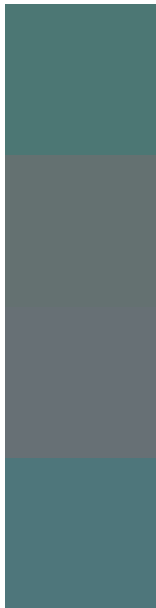
Dichromacy





Tritanopia
4F757F

Trichromacy



Original Color
4C7774

Protanomaly
647171

Deuteranomaly
677075

Tritanomaly
4E767B

Monochromacy



Original Color
4C7774

Achromatopsia
6A6A6A

Achromatomaly
5F6F6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C7774 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 #4C7774 looks like.

```
.text, #text, p{  
    color:#4C7774  
}
```

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 #4C7774 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7774
}
```

Border

The CSS property to change the border of an element to Hex 4C7774 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
#4C7774 }
```

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

```
.border{ border-color:#4C7774 }
```

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

Here you see how a box with a 4 pixel #4C7774 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7774; -webkit-box-shadow:4px 4px  
4px 4px #4C7774; box-shadow:4px 4px 4px  
4px #4C7774 }
```

Background

The CSS property to change the background color of an element to Hex 4C7774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7774 }
```

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

```
.background{ background-color:#4C7774 }
```

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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