

Converting Colors

Hex(4C7874)

Have a look what the booklet for
Hex(4C7874) contains.

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Color

Hex(4C7874)

Conversions

Conversions Part 1

Format	Color
Hex	4C7874
RGB	76, 120, 116
RGB Percent	30%, 47%, 45%
CMY	0.7020, 0.5294, 0.5451
CMYK	0.37, 0.00, 0.03, 0.53
HSL	175°, 22%, 38%
HSV	175°, 37%, 47%
XYZ	12.8493, 16.2304, 18.9785
YIQ	106.3880, -24.9400, -10.5720

Conversions

Conversions Part 2

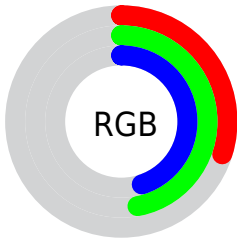
Format	Color
RYB	76, 99, 120
Decimal	5011572
CIELab	47.28, -16.12, -2.62
CIELCh	47, 16.334, 189.246
Yxy	16.2304, 0.2674, 0.3377
Android (android.graphics.Color)	4283201652 (0xFF4C7874)
YUV	106.3880, 4.7387, -26.6503
Hunter-Lab	40.2870, -13.5704, 0.2703

Details

The Hex color **4C7874** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **784C50**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7FACA8**, and **1B4744** is the 20% darker color. If you saturate the color by 10%, you get **407873**, and if you desaturate by 10%, it is **587875**.

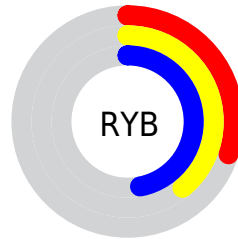
Distribution



Red (30%)

Green (47%)

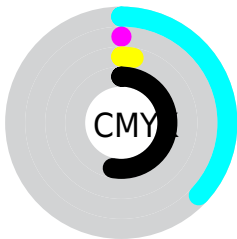
Blue (45%)



Red (30%)

Yellow (39%)

Blue (47%)

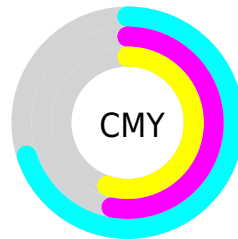


Cyan (37%)

Magenta (0%)

Yellow (3%)

Black (53%)



Cyan (70%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C7874 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 4C7874 by changing the saturation by 10% instead.



4C7874



4C7874

FFFFFF



335F5B



7FACA8



1B4744



9AC8C3



00312E



B5E4DF



001C19



D1FFFC



000000



EDFFFF



4C7874



4C7874



407873



587875



347872



647876

■ 287871

■ 707877

■ 1C7870

■ 7C7878

■ 10786F

■ 887879

■ 04786D

■ 94787B

■ 00786D

■ A0787C

■ AC787D

■ B8787E

Harmonies

Analogous

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



577766



4C7874



4A7781

Triad

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



4C7874



786B85



836C57

Complementary

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



4C7874



784C50

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.



8B685F



4C7874



85677A

Square

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



4C7874



66708B



8C666C



767155

Rectangle

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



4C7874



4F7587



8C666C



866B59

Sweetspot

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



4C7874



8A9C9A



50784C



454F4E



CFCFCF



4F4F4F

Same Dimension

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



4C7874



579C95



4C6678



373D3D



007D72



00FCE6

Inverse Universe

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



784C50



9C575D



785E4C



3D3738



7D000B



FC0017

Previews

White Background



This preview shows how the Hex color 4C7874 looks on a white background.

Color Contrast Check

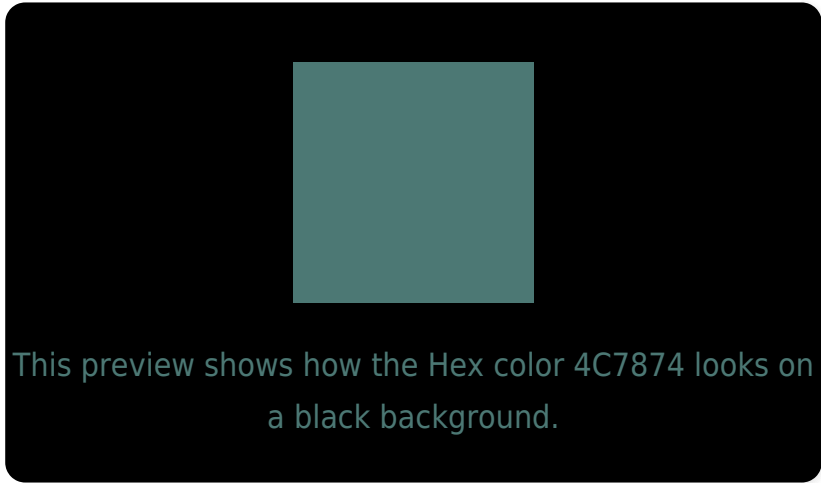
Large Text (above 18pt) WCAG AA ✓ Pass

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

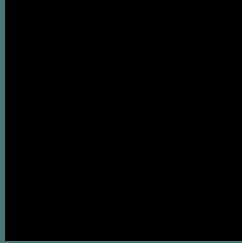
Any Text WCAG AA × Fail

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 4C7874 Background



This preview shows how black text looks on a background with the Hex color 4C7874.



This preview shows how white text looks on a background with the Hex color 4C7874.

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
4C7874

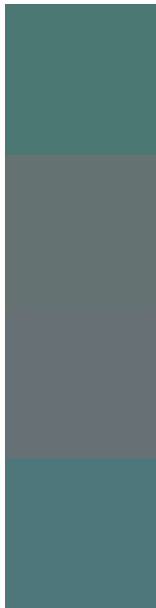
Protanopia
726F6F

Deuteranopia
776C76



Tritanopia
4F7680

Trichromacy



Original Color
4C7874

Protanomaly
647271

Deuteranomaly
677075

Tritanomaly
4E777C

Monochromacy



Original Color
4C7874

Achromatopsia
6A6A6A

Achromatomaly
5F6F6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C7874 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 #4C7874 looks like.

```
.text, #text, p{  
    color:#4C7874  
}
```

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 #4C7874 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7874
}
```

Border

The CSS property to change the border of an element to Hex 4C7874 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
#4C7874 }
```

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

```
.border{ border-color:#4C7874 }
```

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

Here you see how a box with a 4 pixel #4C7874 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7874; -webkit-box-shadow:4px 4px  
4px 4px #4C7874; box-shadow:4px 4px 4px  
4px #4C7874 }
```

Background

The CSS property to change the background color of an element to Hex 4C7874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7874 }
```

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

```
.background{ background-color:#4C7874 }
```

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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