

Converting Colors

Hex(4C7E71)

Have a look what the booklet for
Hex(4C7E71) contains.

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Color

Hex(4C7E71)

Conversions

Conversions Part 1

Format	Color
Hex	4C7E71
RGB	76, 126, 113
RGB Percent	30%, 49%, 44%
CMY	0.7020, 0.5059, 0.5569
CMYK	0.40, 0.00, 0.10, 0.51
HSL	164°, 25%, 40%
HSV	164°, 40%, 49%
XYZ	13.4220, 17.6505, 18.3223
YIQ	109.5680, -25.6270, -14.6430

Conversions

Conversions Part 2

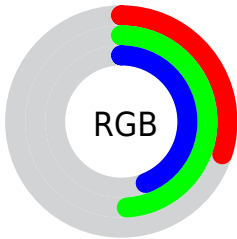
Format	Color
RYB	76, 105, 126
Decimal	5013105
CIELab	49.07, -20.10, 1.77
CIElCh	49, 20.176, 174.963
Yxy	17.6505, 0.2717, 0.3573
Android (android.graphics.Color)	4283203185 (0xFF4C7E71)
YUV	109.5680, 1.6920, -29.4391
Hunter-Lab	42.0125, -16.4953, 3.5515

Details

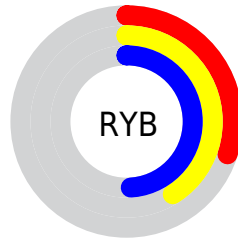
The Hex color **4C7E71** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E4C59**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **7FB3A5**, and **1A4D41** is the 20% darker color. If you saturate the color by 10%, you get **3F7E6E**, and if you desaturate by 10%, it is **597E74**.

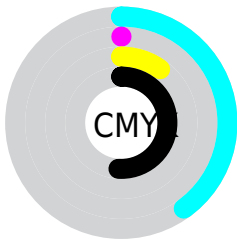
Distribution



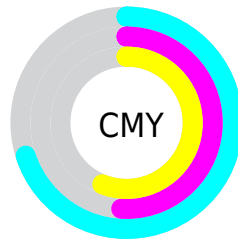
- Red (30%)
- Green (49%)
- Blue (44%)



- Red (30%)
- Yellow (41%)
- Blue (49%)



- Cyan (40%)
- Magenta (0%)
- Yellow (10%)
- Black (51%)



- Cyan (70%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C7E71 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 4C7E71 by changing the saturation by 10% instead.

 4C7E71

 4C7E71

FFFFFF

 336559

 7FB3A5

 1A4D41

 9ACFC0

 00362B

 B5EBDC

 002117

 D1FFF8

 000000

 EEEFFF

 4C7E71

 4C7E71

 3F7E6E

 597E74

 337E6A

 657E78

■ 267E67

■ 727E7B

■ 1A7E64

■ 7E7E7E

■ 0D7E61

■ 8B7E81

■ 007E5D

■ 987E85

■ A47E88

■ B17E8B

■ BD7E8E

Harmonies

Analogous

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



5E7C61



4C7E71



417E82

Triad

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



4C7E71



737193



916D59

Complementary

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



4C7E71



7E4C59

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.



976967



4C7E71



886C88

Square

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



4C7E71



5B7796



946878



847353

Rectangle

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



4C7E71



437D8C



946878



946B5D

Sweetspot

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



4C7E71



90A39E



597E4C



46524F



D1D1D1



525252

Same Dimension

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



4C7E71



55A38F



4C727E



39403E



00805E



000000

Inverse Universe

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



7E4C59



A35569



7E584C



40393B



800021



000000

Previews

White Background



This preview shows how the Hex color 4C7E71 looks on a white background.

Color Contrast Check

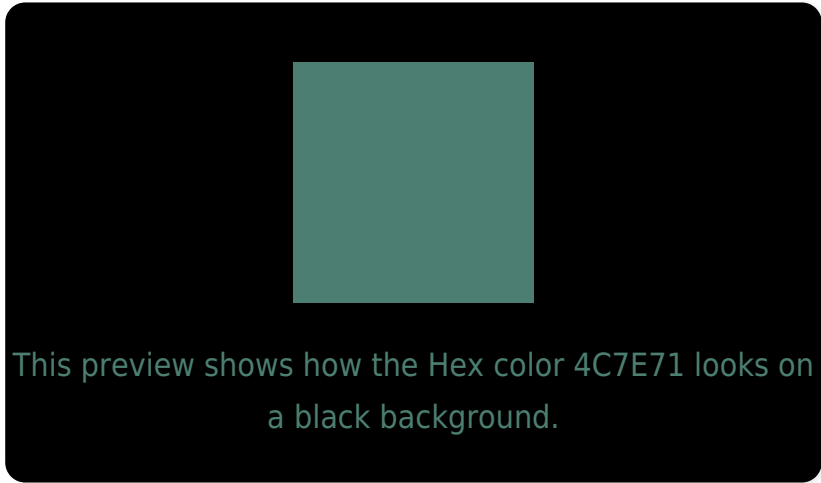
Large Text (above 18pt) WCAG AA ✓ Pass

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

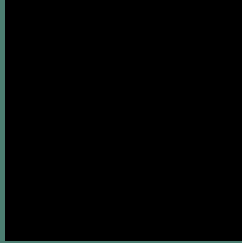
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

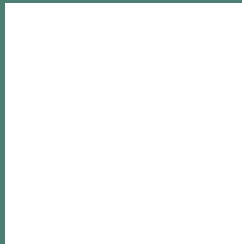
Any Text WCAG AAA × Fail

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

Hex 4C7E71 Background



This preview shows how black text looks on a background with the Hex color 4C7E71.

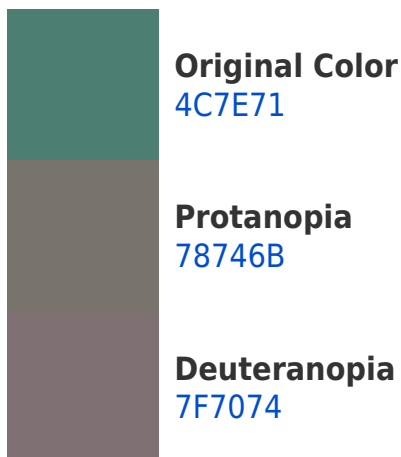


This preview shows how white text looks on a background with the Hex color 4C7E71.

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
517B85

Trichromacy



Original Color
4C7E71

Protanomaly
68786D

Deuteranomaly
6C7573

Tritanomaly
4F7C7E

Monochromacy



Original Color
4C7E71

Achromatopsia
6E6E6E

Achromatomaly
62746F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C7E71 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 #4C7E71 looks like.

```
.text, #text, p{  
    color:#4C7E71  
}
```

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 #4C7E71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7E71  
}
```

Border

The CSS property to change the border of an element to Hex 4C7E71 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  
#4C7E71 }
```

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

```
.border{ border-color:#4C7E71 }
```

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

Here you see how a box with a 4 pixel #4C7E71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7E71; -webkit-box-shadow:4px 4px  
4px 4px #4C7E71; box-shadow:4px 4px 4px  
4px #4C7E71 }
```

Background

The CSS property to change the background color of an element to Hex 4C7E71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7E71 }
```

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

```
.background{ background-color:#4C7E71 }
```

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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