

Converting Colors

Hex(4B7D72)

Have a look what the booklet for
Hex(4B7D72) contains.

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Color

Hex(4B7D72)

Conversions

Conversions Part 1

Format	Color
Hex	4B7D72
RGB	75, 125, 114
RGB Percent	29%, 49%, 45%
CMY	0.7059, 0.5098, 0.5529
CMYK	0.40, 0.00, 0.09, 0.51
HSL	167°, 25%, 39%
HSV	167°, 40%, 49%
XYZ	13.2725, 17.3780, 18.5743
YIQ	108.7960, -26.2690, -14.0210

Conversions

Conversions Part 2

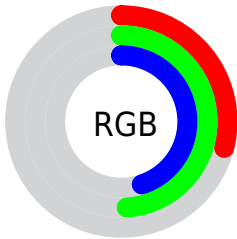
Format	Color
R_{YB}	75, 103, 125
Decimal	4947314
CIE _{Lab}	48.73, -19.62, 0.69
CIE _{LCh}	49, 19.630, 177.994
Yxy	17.3780, 0.2696, 0.3530
Android (android.graphics.Color)	4283137394 (0xFF4B7D72)
YUV	108.7960, 2.5656, -29.6391
Hunter-Lab	41.6869, -16.1202, 2.7631

Details

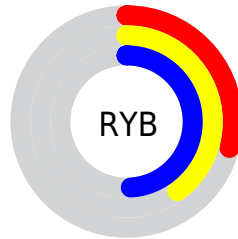
The Hex color **4B7D72** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D4B56**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7EB2A6**, and **194C42** is the 20% darker color. If you saturate the color by 10%, you get **3F7D6F**, and if you desaturate by 10%, it is **577D75**.

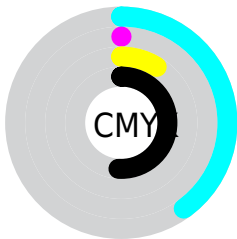
Distribution



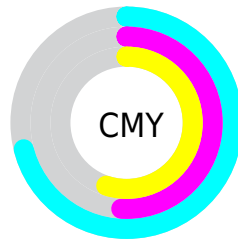
- Red (29%)
- Green (49%)
- Blue (45%)



- Red (29%)
- Yellow (40%)
- Blue (49%)



- Cyan (40%)
- Magenta (0%)
- Yellow (9%)
- Black (51%)



- Cyan (71%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B7D72 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 4B7D72 by changing the saturation by 10% instead.

 4B7D72

 4B7D72

FFFFFF

 32645A

 7EB2A6

 194C42

 99CDC1

 00352C

 B4EADD

 002018

 D0FFF9

 000000

 EDFFFF

 4B7D72

 4B7D72

 3F7D6F

 577D75

 327D6D

 647D78

■ 267D6A

■ 717D7A

■ 197D67

■ 7D7D7D

■ 0C7D64

■ 8A7D80

■ 007D62

■ 967D83

■ A37D85

■ AF7D88

■ BB7D8B

Harmonies

Analogous

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



5C7B62



4B7D72



427D83

Triad

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



4B7D72



757091



8E6D58

Complementary

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



4B7D72



7D4B56

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.



956965



4B7D72



886B86

Square

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



4B7D72



5E7695



936876



817253

Rectangle

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



4B7D72



457B8C



936876



926B5C

Sweetspot

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



4B7D72



90A39F



577D4B



46524F



D1D1D1



525252

Same Dimension

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



4B7D72



55A392



4B707D



39403E



008063



000000

Inverse Universe

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



7D4B56



A35566



7D584B



40393B



80001C



000000

Previews

White Background



This preview shows how the Hex color 4B7D72 looks on a white background.

Color Contrast Check

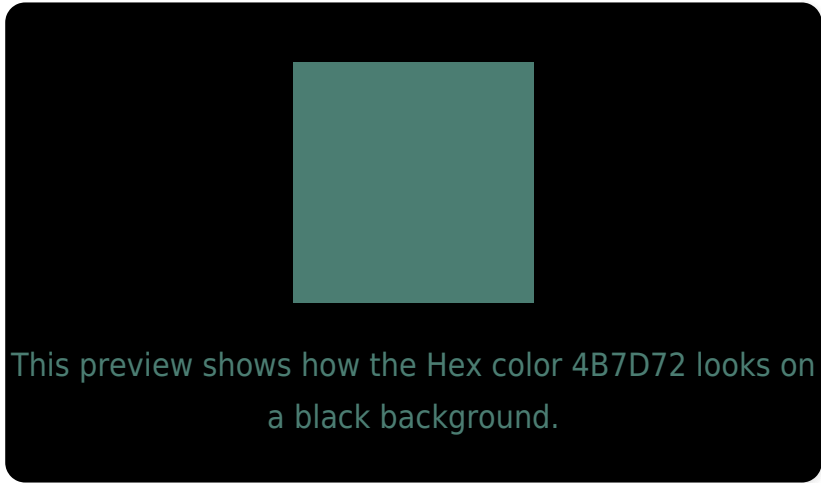
Large Text (above 18pt) WCAG AA ✓ Pass

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

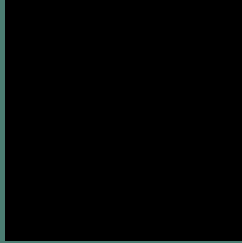
Any Text WCAG AA × Fail

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 4B7D72 Background



This preview shows how black text looks on a background with the Hex color 4B7D72.

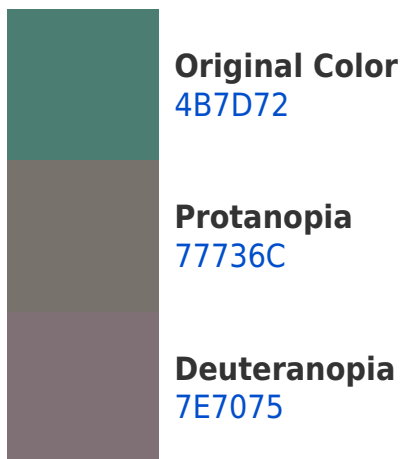



This preview shows how white text looks on a background with the Hex color 4B7D72.

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
507A84

Trichromacy



Original Color
4B7D72

Protanomaly
67776E

Deuteranomaly
6B7574

Tritanomaly
4E7B7D

Monochromacy



Original Color
4B7D72

Achromatopsia
6D6D6D

Achromatomaly
61736F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B7D72 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 #4B7D72 looks like.

```
.text, #text, p{  
    color:#4B7D72  
}
```

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 #4B7D72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7D72
}
```

Border

The CSS property to change the border of an element to Hex 4B7D72 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
#4B7D72 }
```

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

```
.border{ border-color:#4B7D72 }
```

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

Here you see how a box with a 4 pixel #4B7D72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7D72; -webkit-box-shadow:4px 4px  
4px 4px #4B7D72; box-shadow:4px 4px 4px  
4px #4B7D72 }
```

Background

The CSS property to change the background color of an element to Hex 4B7D72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7D72 }
```

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

```
.background{ background-color:#4B7D72 }
```

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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