

Converting Colors

Hex(4B7070)

Have a look what the booklet for
Hex(4B7070) contains.

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Color

Hex(4B7070)

Conversions

Conversions Part 1

Format	Color
Hex	4B7070
RGB	75, 112, 112
RGB Percent	29%, 44%, 44%
CMY	0.7059, 0.5608, 0.5608
CMYK	0.33, 0.00, 0.00, 0.56
HSL	180°, 20%, 37%
HSV	180°, 33%, 44%
XYZ	11.6205, 14.2540, 17.4681
YIQ	100.9370, -22.0520, -7.8440

Conversions

Conversions Part 2

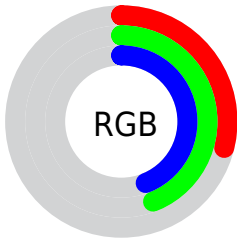
Format	Color
R_{YB}	75, 94, 112
Decimal	4943984
CIE _{Lab}	44.60, -13.03, -4.20
CIE _{LCh}	45, 13.686, 197.869
Yxy	14.2540, 0.2681, 0.3289
Android (android.graphics.Color)	4283134064 (0xFF4B7070)
YUV	100.9370, 5.4541, -22.7467
Hunter-Lab	37.7545, -11.1300, -1.0038

Details

The Hex color **4B7070** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **704B4B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **7DA4A4**, and **1B4040** is the 20% darker color. If you saturate the color by 10%, you get **407070**, and if you desaturate by 10%, it is **567070**.

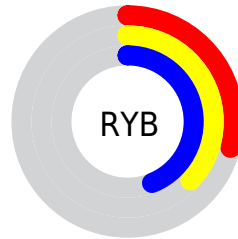
Distribution



Red (29%)

Green (44%)

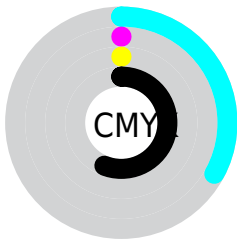
Blue (44%)



Red (29%)

Yellow (37%)

Blue (44%)

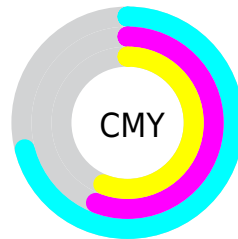


Cyan (33%)

Magenta (0%)

Yellow (0%)

Black (56%)



Cyan (71%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B7070 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 4B7070 by changing the saturation by 10% instead.



4B7070



4B7070

FFFFFF



335758



7DA4A4



1B4040



98BFBF



022A2A



B3DBDB



001616



CFF7F7



000000



EBFFFF



4B7070



4B7070



407070



567070



357070



617070

■ 297070

■ 6D7070

■ 1E7070

■ 787070

■ 137070

■ 837070

■ 087070

■ 8E7070

■ 007070

■ 997070

■ A57070

■ B07070

Harmonies

Analogous

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



527064



4B7070



4C6F7A

Triad

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



4B7070



746479



776753

Complementary

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



4B7070



704B4B

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.



7F6459



4B7070



7E626F

Square

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



4B7070



65687F



816263



6B6B54

Rectangle

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



4B7070



526D7E



816263



7A6655

Sweetspot

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



4B7070



839191



4B704B



414A4A



C9C9C9



4A4A4A

Same Dimension

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



4B7070



579191



4B5E70



323838



007878



00F7F7

Inverse Universe

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



704B70



915791



705E4B



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 4B7070 looks on a white background.

Color Contrast Check

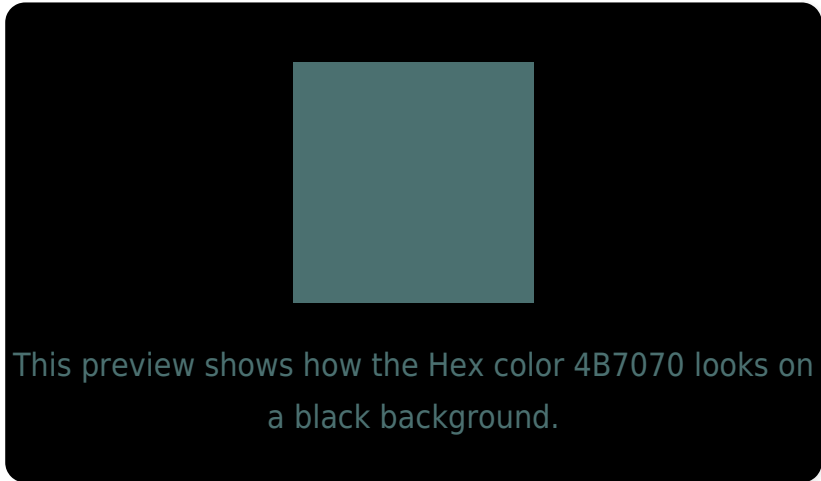
Large Text (above 18pt) WCAG AA ✓ Pass

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

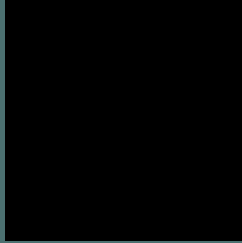
Any Text WCAG AA × Fail

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 4B7070 Background



This preview shows how black text looks on a background with the Hex color 4B7070.

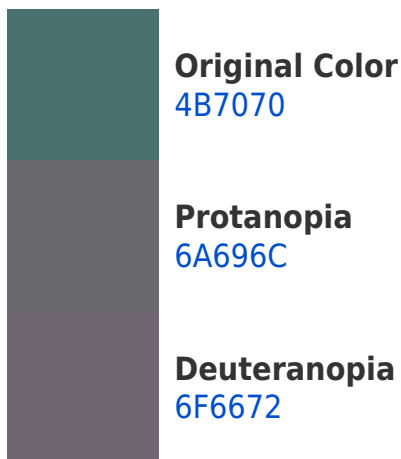


This preview shows how white text looks on a background with the Hex color 4B7070.

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](#).

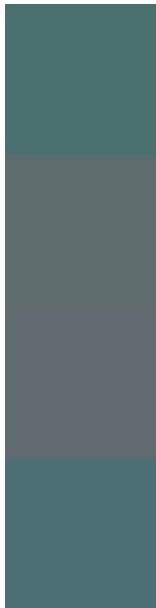
Dichromacy





Tritanopia
4D6F78

Trichromacy



Original Color
4B7070

Protanomaly
5F6C6D

Deuteranomaly
626A71

Tritanomaly
4C6F75

Monochromacy



Original Color
4B7070

Achromatopsia
656565

Achromatomaly
5C6969

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B7070 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 #4B7070 looks like.

```
.text, #text, p{  
    color:#4B7070  
}
```

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 #4B7070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7070
}
```

Border

The CSS property to change the border of an element to Hex 4B7070 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
#4B7070 }
```

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

```
.border{ border-color:#4B7070 }
```

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

Here you see how a box with a 4 pixel #4B7070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7070; -webkit-box-shadow:4px 4px  
4px 4px #4B7070; box-shadow:4px 4px 4px  
4px #4B7070 }
```

Background

The CSS property to change the background color of an element to Hex 4B7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7070 }
```

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

```
.background{ background-color:#4B7070 }
```

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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