

Converting Colors

Hex(4B6A71)

Have a look what the booklet for
Hex(4B6A71) contains.

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Color

Hex(4B6A71)

Conversions

Conversions Part 1

Format	Color
Hex	4B6A71
RGB	75, 106, 113
RGB Percent	29%, 42%, 44%
CMY	0.7059, 0.5843, 0.5569
CMYK	0.34, 0.06, 0.00, 0.56
HSL	191°, 20%, 37%
HSV	191°, 34%, 44%
XYZ	11.0363, 12.9962, 17.5496
YIQ	97.5290, -20.7230, -4.3950

Conversions

Conversions Part 2

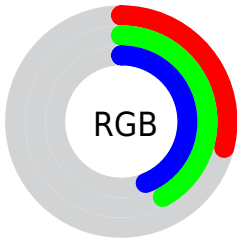
Format	Color
R_{YB}	75, 92, 113
Decimal	4942449
CIE Lab	42.76, -9.33, -7.54
CIE LCh	43, 11.998, 218.916
Yxy	12.9962, 0.2654, 0.3125
Android (android.graphics.Color)	4283132529 (0xFF4B6A71)
YUV	97.5290, 7.6272, -19.7579
Hunter-Lab	36.0502, -8.4423, -3.6278

Details

The Hex color **4B6A71** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **71524B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **7D9DA5**, and **1C3B41** is the 20% darker color. If you saturate the color by 10%, you get **406871**, and if you desaturate by 10%, it is **566C71**.

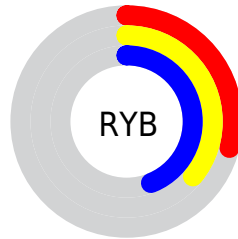
Distribution



Red (29%)

Green (42%)

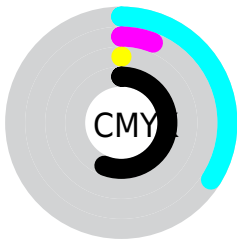
Blue (44%)



Red (29%)

Yellow (36%)

Blue (44%)

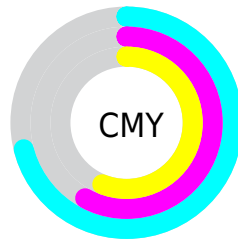


Cyan (34%)

Magenta (6%)

Yellow (0%)

Black (56%)



Cyan (71%)

Magenta (58%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B6A71 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 4B6A71 by changing the saturation by 10% instead.



4B6A71



4B6A71

FFFFFF



335259



7D9DA5



1C3B41



97B8C0



03252B



B3D4DC



001117



CEF0F8



000000



EBFFFF



4B6A71



4B6A71



406871



566C71



346671



626E71

■ 296471

■ 6D7071

■ 1E6271

■ 787271

■ 136071

■ 847471

■ 075E71

■ 8F7671

■ 005C71

■ 9A7971

■ A57B71

■ B17D71

Harmonies

Analogous

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



4C6B68



4B6A71



526877

Triad

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



4B6A71



745F6C



6A6551

Complementary

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



4B6A71



71524B

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.



736253



4B6A71



795E62

Square

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



4B6A71



6A6174



795F59



5E6855

Rectangle

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



4B6A71



596679



795F59



6D6451

Sweetspot

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



4B6A71



859194



4B7152



41484A



C9C9C9



4A4A4A

Same Dimension

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



4B6A71



598994



4B5771



323738



006278



00CAF7

Inverse Universe

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



714B6A



945989



71654B



383237



780062



F700CA

Previews

White Background



This preview shows how the Hex color 4B6A71 looks on a white background.

Color Contrast Check

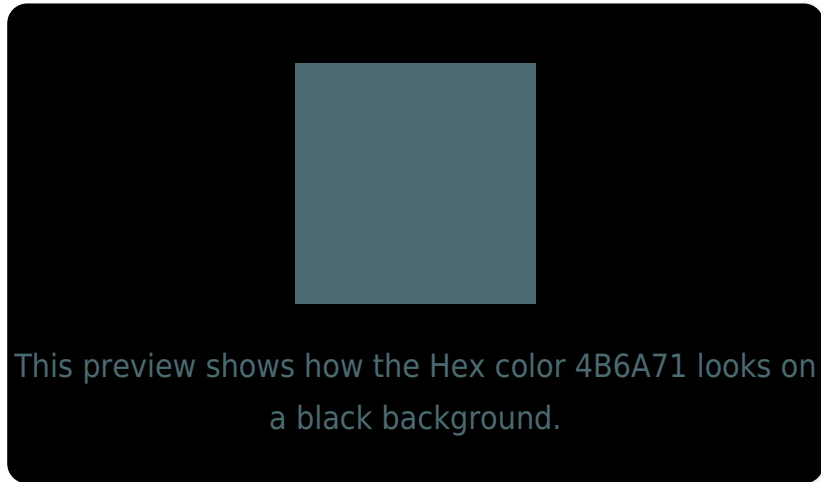
Large Text (above 18pt) WCAG AA ✓ Pass

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

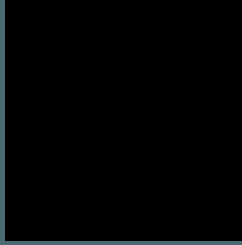
Any Text WCAG AA × Fail

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 4B6A71 Background



This preview shows how black text looks on a background with the Hex color 4B6A71.

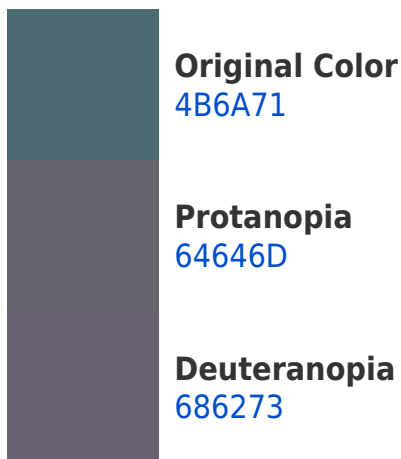


This preview shows how white text looks on a background with the Hex color 4B6A71.

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
4B6A72

Trichromacy



Original Color
4B6A71

Protanomaly
5B666E

Deuteranomaly
5D6572

Tritanomaly
4B6A72

Monochromacy



Original Color
4B6A71

Achromatopsia
626262

Achromatomaly
5A6567

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B6A71 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 #4B6A71 looks like.

```
.text, #text, p{  
    color:#4B6A71  
}
```

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 #4B6A71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6A71
}
```

Border

The CSS property to change the border of an element to Hex 4B6A71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

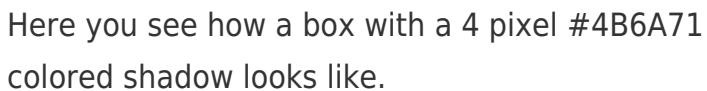
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B6A71 }
```

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

```
.border{ border-color:#4B6A71 }
```

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



Here you see how a box with a 4 pixel #4B6A71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6A71; -webkit-box-shadow:4px 4px  
4px 4px #4B6A71; box-shadow:4px 4px 4px  
4px #4B6A71 }
```

Background

The CSS property to change the background color of an element to Hex 4B6A71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6A71 }
```

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

```
.background{ background-color:#4B6A71 }
```

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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