

Converting Colors

Hex(4B6B6E)

Have a look what the booklet for
Hex(4B6B6E) contains.

Hex(4B6B6E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4B6B6E)

Conversions

Conversions Part 1

Format	Color
Hex	4B6B6E
RGB	75, 107, 110
RGB Percent	29%, 42%, 43%
CMY	0.7059, 0.5804, 0.5686
CMYK	0.32, 0.03, 0.00, 0.57
HSL	185°, 19%, 36%
HSV	185°, 32%, 43%
XYZ	10.9738, 13.1370, 16.7092
YIQ	97.7740, -20.0350, -5.8510

Conversions

Conversions Part 2

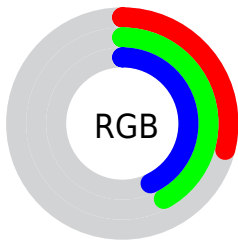
Format	Color
RYB	75, 92, 110
Decimal	4942702
CIELab	42.97, -10.71, -5.41
CIELCh	43, 11.995, 206.787
Yxy	13.1370, 0.2688, 0.3218
Android (android.graphics.Color)	4283132782 (0xFF4B6B6E)
YUV	97.7740, 6.0274, -19.9728
Hunter-Lab	36.2450, -9.3849, -1.9615

Details

The Hex color **4B6B6E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E4E4B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7D9EA2**, and **1C3C3F** is the 20% darker color. If you saturate the color by 10%, you get **406A6E**, and if you desaturate by 10%, it is **566C6E**.

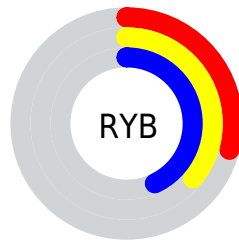
Distribution



Red (29%)

Green (42%)

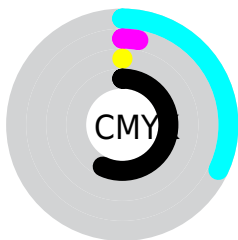
Blue (43%)



Red (29%)

Yellow (36%)

Blue (43%)

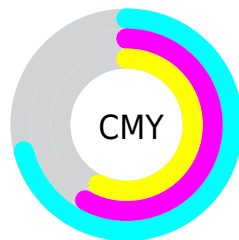


Cyan (32%)

Magenta (3%)

Yellow (0%)

Black (57%)



Cyan (71%)

Magenta (58%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B6B6E 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 4B6B6E by changing the saturation by 10% instead.



4B6B6E



4B6B6E

FFFFFF



335356



7D9EA2



1C3C3F



97B9BD



042629



B2D5D8



001214



CEF1F5



000000



EBFFFF



4B6B6E



4B6B6E



406A6E



566C6E



35696E



616D6E

■ 2A686E

■ 6C6E6E

■ 1F676E

■ 776F6E

■ 14666E

■ 82706E

■ 09656E

■ 8D716E

■ 00656E

■ 98726E

■ A3736E

■ AE736E

Harmonies

Analogous

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



4F6B64



4B6B6E



4F6976

Triad

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



4B6B6E



716070



6E6452

Complementary

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



4B6B6E



6E4E4B

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.



766155



4B6B6E



795F67

Square

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



4B6B6E



666377



7A5F5D



646854

Rectangle

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



4B6B6E



556878



7A5F5D



716352

Sweetspot

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



4B6B6E



818E8F



4B6E4E



3F4747



C7C7C7



474747

Same Dimension

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



4B6B6E



598A8F



4B5A6E



323838



006E78



00E2F7

Inverse Universe

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



6E4B6B



8F598A



6E5F4B



383238



78006E



F700E2

Previews

White Background



This preview shows how the Hex color 4B6B6E looks on a white background.

Color Contrast Check

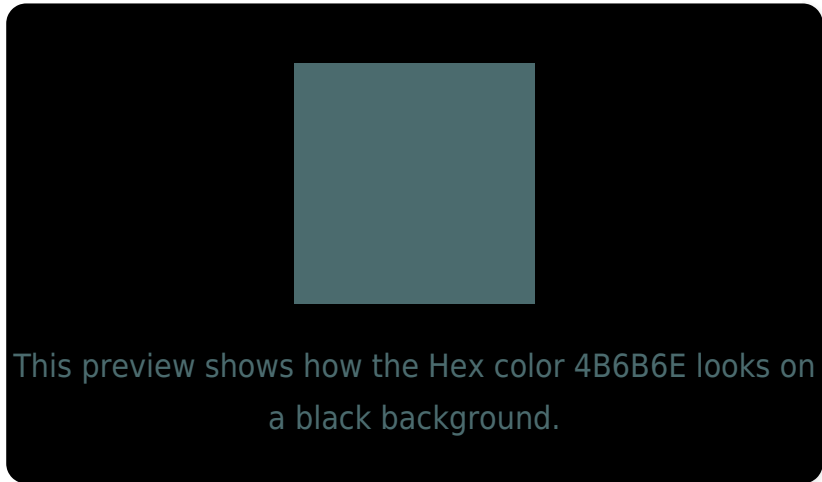
Large Text (above 18pt) WCAG AA ✓ Pass

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

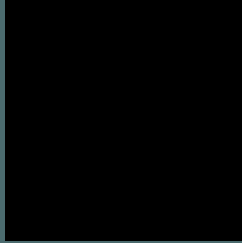
Any Text WCAG AA × Fail

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 4B6B6E Background



This preview shows how black text looks on a background with the Hex color 4B6B6E.

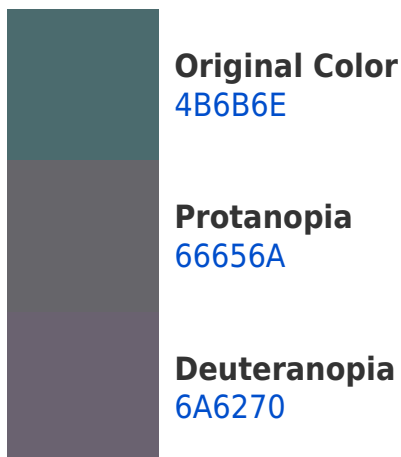



This preview shows how white text looks on a background with the Hex color 4B6B6E.

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](#).

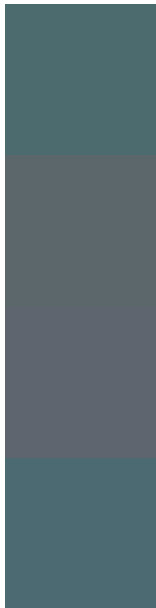
Dichromacy





Tritanopia
4C6A73

Trichromacy



Original Color
4B6B6E

Protanomaly
5C676B

Deuteranomaly
5F656F

Tritanomaly
4C6A71

Monochromacy



Original Color
4B6B6E

Achromatopsia
626262

Achromatomaly
5A6566

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B6B6E 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 #4B6B6E looks like.

```
.text, #text, p{  
    color:#4B6B6E  
}
```

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 #4B6B6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6B6E
}
```

Border

The CSS property to change the border of an element to Hex 4B6B6E 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
#4B6B6E }
```

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

```
.border{ border-color:#4B6B6E }
```

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

Here you see how a box with a 4 pixel #4B6B6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6B6E; -webkit-box-shadow:4px 4px  
4px 4px #4B6B6E; box-shadow:4px 4px 4px  
4px #4B6B6E }
```

Background

The CSS property to change the background color of an element to Hex 4B6B6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6B6E }
```

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

```
.background{ background-color:#4B6B6E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor