

Converting Colors

Hex(4B706B)

Have a look what the booklet for
Hex(4B706B) contains.

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Color

Hex(4B706B)

Conversions

Conversions Part 1

Format	Color
Hex	4B706B
RGB	75, 112, 107
RGB Percent	29%, 44%, 42%
CMY	0.7059, 0.5608, 0.5804
CMYK	0.33, 0.00, 0.04, 0.56
HSL	172°, 20%, 37%
HSV	172°, 33%, 44%
XYZ	11.3497, 14.1457, 16.0421
YIQ	100.3670, -20.4470, -9.3990

Conversions

Conversions Part 2

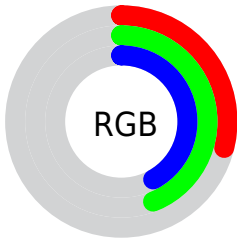
Format	Color
R_{YB}	75, 95, 112
Decimal	4943979
CIE _{Lab}	44.44, -14.31, -1.42
CIE _{LCh}	44, 14.376, 185.682
Yxy	14.1457, 0.2732, 0.3406
Android (android.graphics.Color)	4283134059 (0xFF4B706B)
YUV	100.3670, 3.2701, -22.2469
Hunter-Lab	37.6108, -11.9537, 1.0386

Details

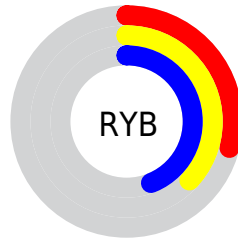
The Hex color **4B706B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **704B50**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **7DA49E**, and **1C403C** is the 20% darker color. If you saturate the color by 10%, you get **407069**, and if you desaturate by 10%, it is **56706D**.

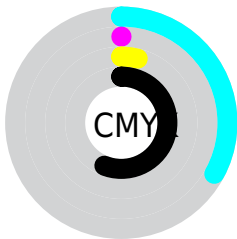
Distribution



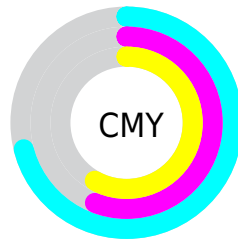
- Red (29%)
- Green (44%)
- Blue (42%)



- Red (29%)
- Yellow (37%)
- Blue (44%)



- Cyan (33%)
- Magenta (0%)
- Yellow (4%)
- Black (56%)



- Cyan (71%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B706B 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 4B706B by changing the saturation by 10% instead.

4B706B

4B706B

FFFFFF

335753

7DA49E

1C403C

98BFB9

032A26

B3DBD5

001711

CEF7F1

000000

EBFFFF

4B706B

4B706B

407069

56706D

357068

61706E

■ 297066

■ 6D7070

■ 1E7065

■ 787071

■ 137063

■ 837073

■ 087062

■ 8E7074

■ 007061

■ 997076

■ A57077

■ B07079

Harmonies

Analogous

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



556F5F



4B706B



486F77

Triad

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



4B706B



6E657C



7B6554

Complementary

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



4B706B



704B50

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.



81625C



4B706B



7B6273

Square

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



4B706B



5E6981



816167



706951

Rectangle

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



4B706B



4C6E7C



816167



7D6456

Sweetspot

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



4B706B



83918F



51704B



414A49



C9C9C9



4A4A4A

Same Dimension

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



4B706B



579189



4B6370



323837



007868



00F7D6

Inverse Universe

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



704B50



91575F



70584B



383233



780010



F70021

Previews

White Background



This preview shows how the Hex color 4B706B looks on a white background.

Color Contrast Check

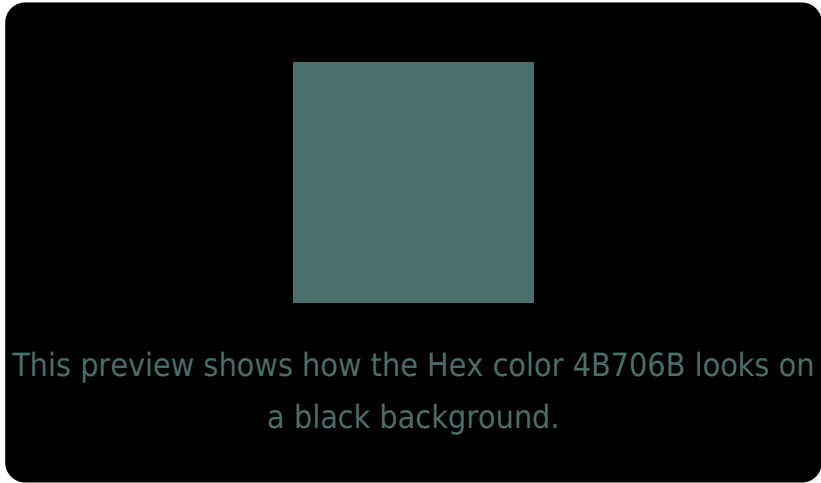
Large Text (above 18pt) WCAG AA ✓ Pass

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

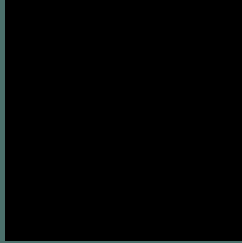
Any Text WCAG AA × Fail

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 4B706B Background



This preview shows how black text looks on a background with the Hex color 4B706B.

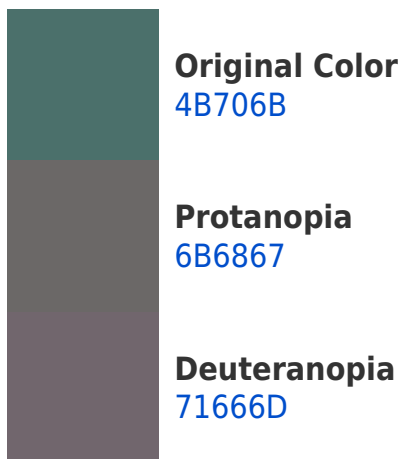


This preview shows how white text looks on a background with the Hex color 4B706B.

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](#).

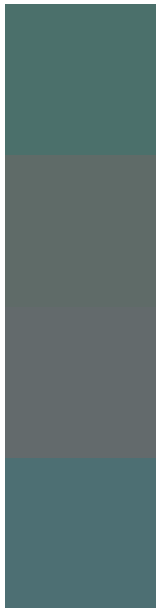
Dichromacy





Tritanopia
4E6E77

Trichromacy



Original Color
4B706B

Protanomaly
5F6B68

Deuteranomaly
636A6C

Tritanomaly
4D6F73

Monochromacy



Original Color
4B706B

Achromatopsia
646464

Achromatomaly
5B6867

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B706B 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 #4B706B looks like.

```
.text, #text, p{  
    color:#4B706B  
}
```

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 #4B706B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B706B
}
```

Border

The CSS property to change the border of an element to Hex 4B706B 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
#4B706B }
```

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

```
.border{ border-color:#4B706B }
```

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

Here you see how a box with a 4 pixel #4B706B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B706B; -webkit-box-shadow:4px 4px  
4px 4px #4B706B; box-shadow:4px 4px 4px  
4px #4B706B }
```

Background

The CSS property to change the background color of an element to Hex 4B706B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B706B }
```

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

```
.background{ background-color:#4B706B }
```

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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