

Converting Colors

Hex(4B856E)

Have a look what the booklet for
Hex(4B856E) contains.

Hex(4B856E)	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(4B856E)

Conversions

Conversions Part 1

Format	Color
Hex	4B856E
RGB	75, 133, 110
RGB Percent	29%, 52%, 43%
CMY	0.7059, 0.4784, 0.5686
CMYK	0.44, 0.00, 0.17, 0.48
HSL	156°, 28%, 41%
HSV	156°, 44%, 52%
XYZ	14.1037, 19.3967, 17.7524
YIQ	113.0360, -27.1850, -19.4490

Conversions

Conversions Part 2

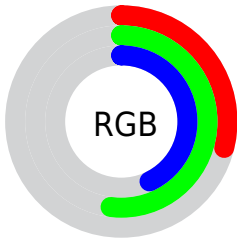
Format	Color
R_{YB}	75, 111, 133
Decimal	4949358
CIE _{Lab}	51.15, -24.72, 6.51
CIE _{LCh}	51, 25.567, 165.243
Yxy	19.3967, 0.2752, 0.3785
Android (android.graphics.Color)	4283139438 (0xFF4B856E)
YUV	113.0360, -1.4967, -33.3576
Hunter-Lab	44.0417, -19.9112, 6.9304




Details

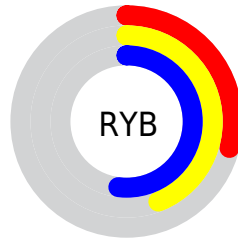
The Hex color **4B856E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **854B62**, and the grayscale version is **717171**.




A 20% lighter version of the original color is **7FBAA2**, and **17533E** is the 20% darker color. If you saturate the color by 10%, you get **3E8569**, and if you desaturate by 10%, it is **588573**.

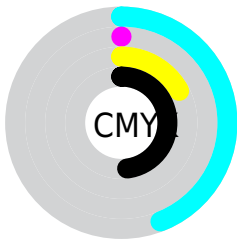
Distribution







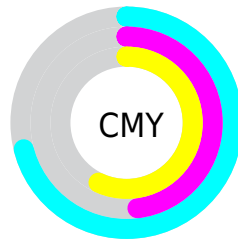
-  Red (29%)
-  Green (52%)
-  Blue (43%)






-  Red (29%)
-  Yellow (44%)
-  Blue (52%)



-  Cyan (44%)
-  Magenta (0%)
-  Yellow (17%)
-  Black (48%)



-  Cyan (71%)
-  Magenta (48%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B856E 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 4B856E by changing the saturation by 10% instead.



4B856E



4B856E

FFFFFF



326C56



7FBAA2



17533E



9AD6BD



003B29



B5F3D8



002514



D1FFF5



000800



EEFFFF



000000



4B856E



4B856E



3E8569



588573



308563



668579

■ 23855E

■ 73857E

■ 168559

■ 808583

■ 088554

■ 8E8588

■ 008550

■ 9B858E

■ A88593

■ B58598

■ C3859D

Harmonies

Analogous

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



65825A



4B856E



348685

Triad

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



4B856E



6D78A4



A16E5C

Complementary

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



4B856E



854B62

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.



A56A6F



4B856E



8B7099

Square

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



4B856E



4C7FA4



9E6B86



927550

Rectangle

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



4B856E



2F8592



9E6B86



A36C62

Sweetspot

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



4B856E



97ADA4



62854B



495751



D6D6D6



575757

Same Dimension

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



4B856E



53AD8A



4B7F85



3C4240



00824E



000302

Inverse Universe

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



854B62



AD5377



85514B



423C3E



820034



030001

Previews

White Background



This preview shows how the Hex color 4B856E looks on a white background.

Color Contrast Check

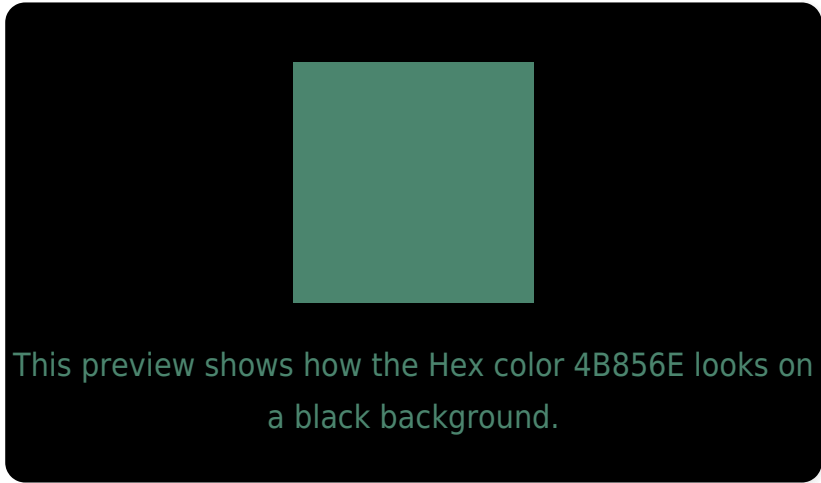
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

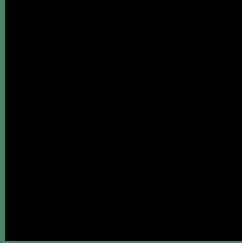
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4B856E Background



This preview shows how black text looks on a background with the Hex color 4B856E.

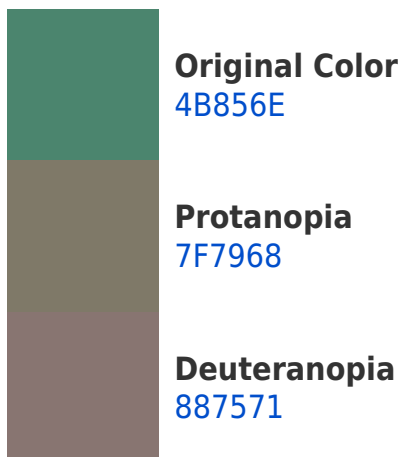


This preview shows how white text looks on a background with the Hex color 4B856E.

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
52818B

Trichromacy



Original Color
4B856E

Protanomaly
6C7D6A

Deuteranomaly
727B70

Tritanomaly
4F8280

Monochromacy



Original Color
4B856E

Achromatopsia
717171

Achromatomaly
637870

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B856E 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 #4B856E looks like.

```
.text, #text, p{  
    color:#4B856E  
}
```

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 #4B856E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B856E
}
```

Border

The CSS property to change the border of an element to Hex 4B856E 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
#4B856E }
```

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

```
.border{ border-color:#4B856E }
```

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

Here you see how a box with a 4 pixel #4B856E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B856E; -webkit-box-shadow:4px 4px  
4px 4px #4B856E; box-shadow:4px 4px 4px  
4px #4B856E }
```

Background

The CSS property to change the background color of an element to Hex 4B856E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B856E }
```

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

```
.background{ background-color:#4B856E }
```

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