

Converting Colors

Hex(4B846F)

Have a look what the booklet for
Hex(4B846F) contains.

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Color

Hex(4B846F)

Conversions

Conversions Part 1

Format	Color
Hex	4B846F
RGB	75, 132, 111
RGB Percent	29%, 52%, 44%
CMY	0.7059, 0.4824, 0.5647
CMYK	0.43, 0.00, 0.16, 0.48
HSL	158°, 28%, 41%
HSV	158°, 43%, 52%
XYZ	14.0222, 19.1461, 17.9954
YIQ	112.5630, -27.2310, -18.6150

Conversions

Conversions Part 2

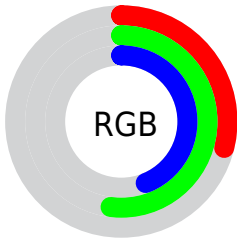
Format	Color
R_{YB}	75, 110, 132
Decimal	4949103
CIE _{Lab}	50.86, -23.98, 5.52
CIE _{LCh}	51, 24.608, 167.049
Yxy	19.1461, 0.2741, 0.3742
Android (android.graphics.Color)	4283139183 (0xFF4B846F)
YUV	112.5630, -0.7706, -32.9428
Hunter-Lab	43.7562, -19.3712, 6.2454

Details

The Hex color **4B846F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **844B60**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **7FB9A3**, and **17523F** is the 20% darker color. If you saturate the color by 10%, you get **3E846A**, and if you desaturate by 10%, it is **588474**.

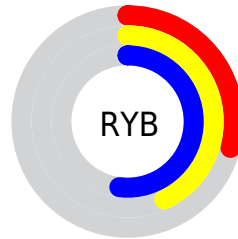
Distribution



Red (29%)

Green (52%)

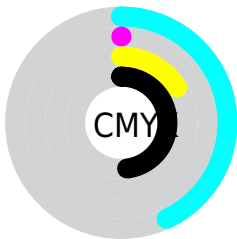
Blue (44%)



Red (29%)

Yellow (43%)

Blue (52%)

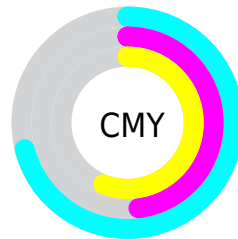


Cyan (43%)

Magenta (0%)

Yellow (16%)

Black (48%)



Cyan (71%)

Magenta (48%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B846F 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 4B846F by changing the saturation by 10% instead.



4B846F



4B846F

FFFFFF



326B57



7FB9A3



17523F



9AD5BE



003B29



B5F2D9



002515



D1FFF6



000600



EEFFFF



000000



4B846F



4B846F



3E846A



588474



318465



658479

■ 238460

■ 73847E

■ 16845C

■ 808482

■ 098457

■ 8D8487

■ 008453

■ 9A848C

■ A78491

■ B58496

■ C2849B

Harmonies

Analogous

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



64815C



4B846F



378585

Triad

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



4B846F



6F77A1



9E6E5B

Complementary

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



4B846F



844B60

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.



A36A6E



4B846F



8B7096

Square

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



4B846F



4F7EA2



9D6A83



907550

Rectangle

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



4B846F



338492



9D6A83



A16C61

Sweetspot

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



4B846F



95ABA3



61844B



495752



D6D6D6



575757

Same Dimension

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



4B846F



52AB8A



4B7D84



3C4240



008252



000302

Inverse Universe

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



844B60



AB5273



84524B



423C3E



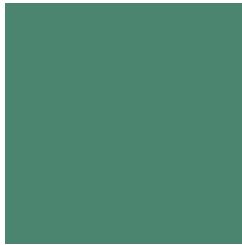
820030



030001

Previews

White Background



This preview shows how the Hex color 4B846F looks on a white background.

Color Contrast Check

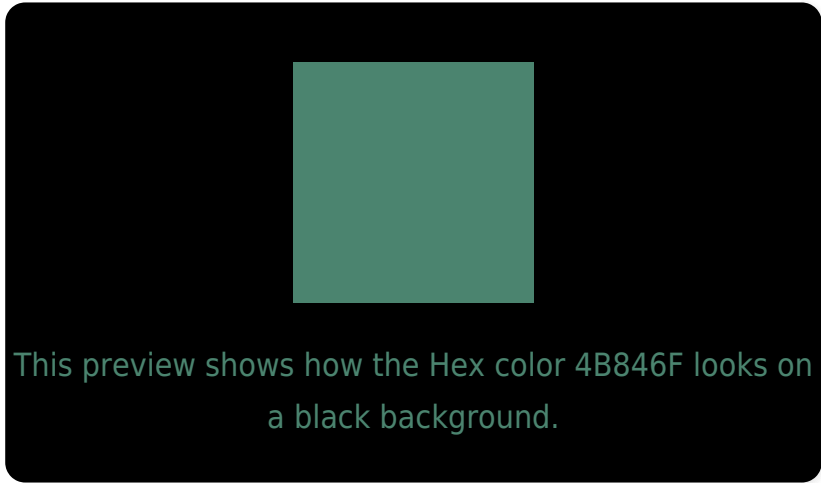
Large Text (above 18pt) WCAG AA ✓ Pass

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

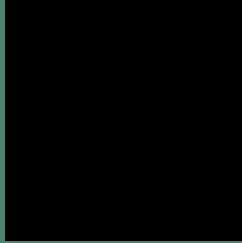
Any Text WCAG AA ✓ Pass

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 4B846F Background



This preview shows how black text looks on a background with the Hex color 4B846F.

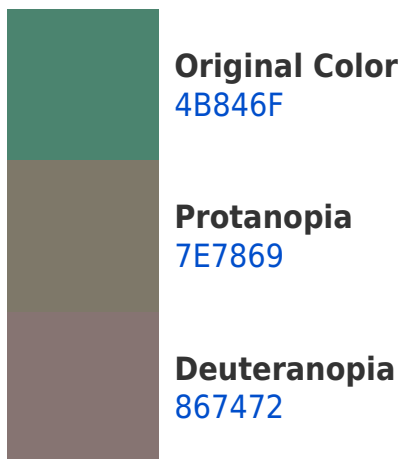


This preview shows how white text looks on a background with the Hex color 4B846F.

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
52808A

Trichromacy



Original Color
4B846F

Protanomaly
6B7C6B

Deuteranomaly
717A71

Tritanomaly
4F8180

Monochromacy



Original Color
4B846F

Achromatopsia
717171

Achromatomaly
637870

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B846F 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 #4B846F looks like.

```
.text, #text, p{  
    color:#4B846F  
}
```

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 #4B846F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B846F
}
```

Border

The CSS property to change the border of an element to Hex 4B846F 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
#4B846F }
```

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

```
.border{ border-color:#4B846F }
```

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

Here you see how a box with a 4 pixel #4B846F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B846F; -webkit-box-shadow:4px 4px  
4px 4px #4B846F; box-shadow:4px 4px 4px  
4px #4B846F }
```

Background

The CSS property to change the background color of an element to Hex 4B846F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B846F }
```

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

```
.background{ background-color:#4B846F }
```

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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