

# Converting Colors

Hex(3B846F)

Have a look what the booklet for  
Hex(3B846F) contains.

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**Color**

**Hex(3B846F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B846F
RGB	59, 132, 111
RGB Percent	23%, 52%, 44%
CMY	0.7686, 0.4824, 0.5647
CMYK	0.55, 0.00, 0.16, 0.48
HSL	163°, 38%, 37%
HSV	163°, 55%, 52%
XYZ	12.9241, 18.5800, 17.9441
YIQ	107.7790, -36.7670, -22.0070

# Conversions

## Conversions Part 2

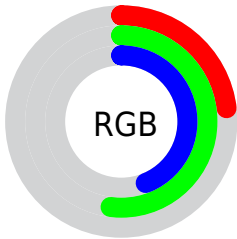
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	59, 102, 132
Decimal	3900527
CIE <sub>Lab</sub>	50.19, -28.20, 4.47
CIE <sub>LCh</sub>	50, 28.550, 170.988
Yxy	18.5800, 0.2614, 0.3757
Android (android.graphics.Color)	4282090607 (0xFF3B846F)
YUV	107.7790, 1.5880, -42.7792
Hunter-Lab	43.1046, -21.9129, 5.4913

# Details

The Hex color **3B846F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **843B50**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **70BAA3**, and **00523F** is the 20% darker color. If you saturate the color by 10%, you get **2E846B**, and if you desaturate by 10%, it is **488473**.

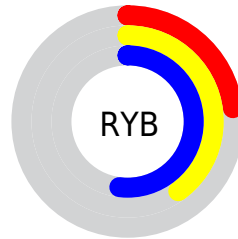
# Distribution



Red (23%)

Green (52%)

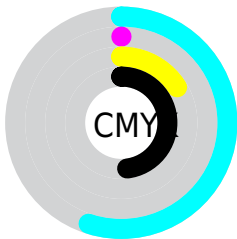
Blue (44%)



Red (23%)

Yellow (40%)

Blue (52%)

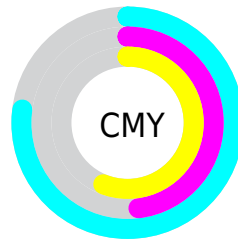


Cyan (55%)

Magenta (0%)

Yellow (16%)

Black (48%)



Cyan (77%)

Magenta (48%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B846F 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 3B846F by changing the saturation by 10% instead.



 3B846F

 3B846F

FFFFFF

 1E6A57

 70BAA3

 00523F

 8BD5BE

 003A29

 A7F2D9

 002515

 C3FFF6

 000100

 E0FFFF

 000000

FDFFFF

 3B846F

 3B846F

 2E846B

 488473

■ 218467

■ 558477

■ 138464

■ 63847A

■ 068460

■ 70847E

■ 00845E

■ 7D8482

■ 8A8486

■ 97848A

■ A5848D

■ B28491

# Harmonies

## Analogous

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



5A8158



3B846F



1A8488

# Triad

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



3B846F



7074A5



9F6B53

# Complementary

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



3B846F



843B50

# 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.



A76567



3B846F



8F6B96

# Square

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



3B846F



487CA7



A26580



8E7347

# Rectangle

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



3B846F



158396



A26580



A36959



# Sweetspot

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



3B846F



8EABA2



51843B



455752



D6D6D6



575757



# Same Dimension

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



3B846F



3AAB8A



3B7584



3C4240



00825D



000302



# Inverse Universe

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



843B50



AB3A5B



844A3B



423C3E



820025

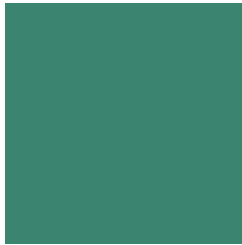


030001



# Previews

## White Background



This preview shows how the Hex color 3B846F looks on a white background.

## Color Contrast Check

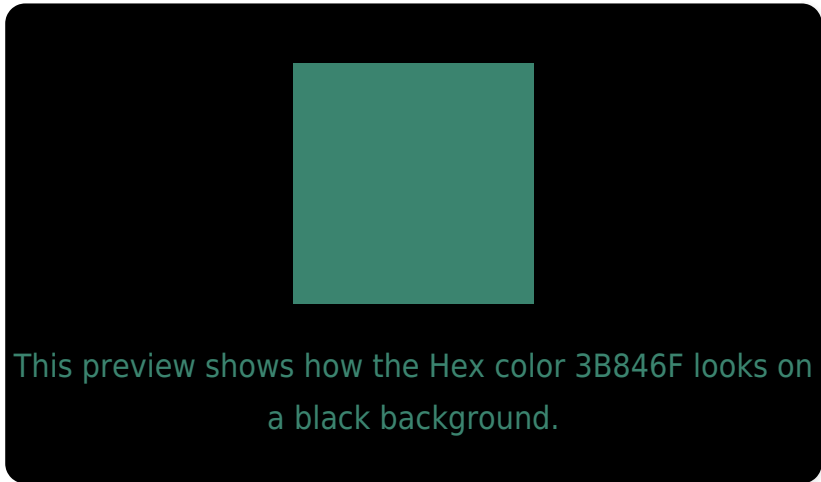
Large Text (above 18pt) WCAG AA ✓ Pass

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

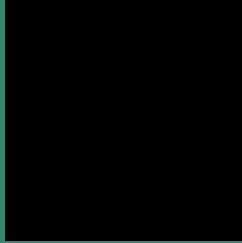
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3B846F Background



This preview shows how black text looks on a background with the Hex color 3B846F.

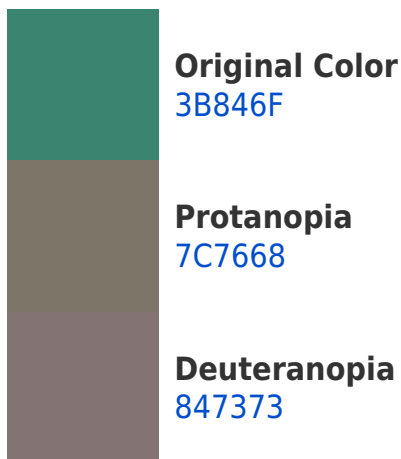


This preview shows how white text looks on a background with the Hex color 3B846F.

# 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](#).

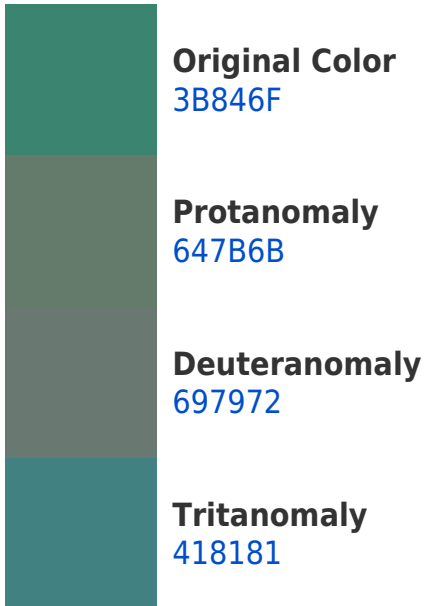
## Dichromacy



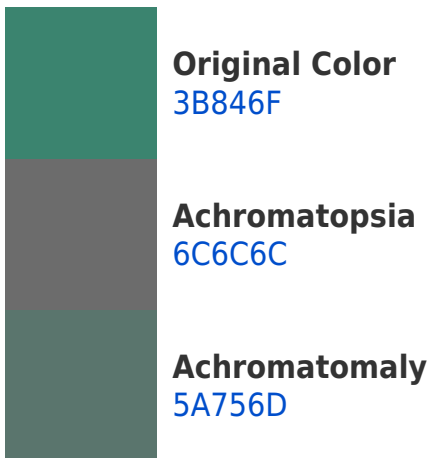


**Tritanopia**  
44808B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B846F 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 #3B846F looks like.

```
.text, #text, p{  
    color:#3B846F  
}
```

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 #3B846F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B846F
}
```

## Border

The CSS property to change the border of an element to Hex 3B846F 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
#3B846F }
```

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

```
.border{ border-color:#3B846F }
```

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

Here you see how a box with a 4 pixel #3B846F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B846F; -webkit-box-shadow:4px 4px  
4px 4px #3B846F; box-shadow:4px 4px 4px  
4px #3B846F }
```

# Background

The CSS property to change the background color of an element to Hex 3B846F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B846F }
```

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

```
.background{ background-color:#3B846F }
```

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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