

# Converting Colors

Hex(3B866B)

Have a look what the booklet for  
Hex(3B866B) contains.

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**Color**

**Hex(3B866B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B866B
RGB	59, 134, 107
RGB Percent	23%, 53%, 42%
CMY	0.7686, 0.4745, 0.5804
CMYK	0.56, 0.00, 0.20, 0.47
HSL	158°, 39%, 38%
HSV	158°, 56%, 53%
XYZ	12.9826, 19.0415, 16.9010
YIQ	108.4970, -36.0330, -24.2970

# Conversions

## Conversions Part 2

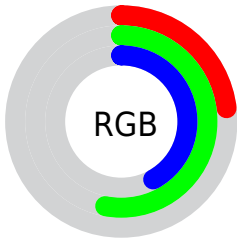
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 105, 134
Decimal	3901035
CIELab	50.74, -30.15, 7.58
CIElCh	51, 31.091, 165.896
Yxy	19.0415, 0.2654, 0.3892
Android (android.graphics.Color)	4282091115 (0xFF3B866B)
YUV	108.4970, -0.7380, -43.4089
Hunter-Lab	43.6366, -23.2575, 7.5818

# Details

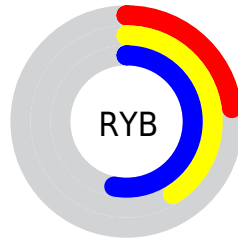
The Hex color **3B866B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **863B56**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **71BC9E**, and **00543C** is the 20% darker color. If you saturate the color by 10%, you get **2E8666**, and if you desaturate by 10%, it is **488670**.

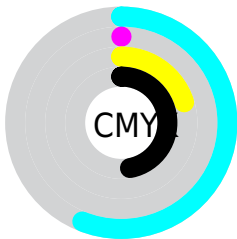
# Distribution



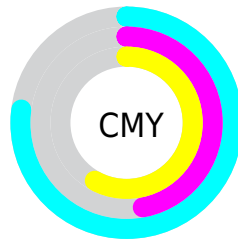
- Red (23%)
- Green (53%)
- Blue (42%)



- Red (23%)
- Yellow (41%)
- Blue (53%)



- Cyan (56%)
- Magenta (0%)
- Yellow (20%)
- Black (47%)



- Cyan (77%)
- Magenta (47%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B866B 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 3B866B by changing the saturation by 10% instead.





3B866B



3B866B

FFFFFF



1E6C53



71BC9E



00543C



8CD8B9



003C26



A7F4D5



002611



C3FFF1



000500



E0FFFF



000000

FDFFFF



3B866B



3B866B



2E8666



488670

■ 208661

■ 568675

■ 13865D

■ 638679

■ 058658

■ 71867E

■ 008656

■ 7E8683

■ 8B8688

■ 99868D

■ A68692

■ B48696

# Harmonies

## Analogous

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



5E8253



3B866B



048786

# Triad

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



3B866B



6977AC



A66A54

# Complementary

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



3B866B



863B56

# 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.



AC646C



3B866B



8D6D9E

# Square

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



3B866B



397FAC



A46586



957345

# Rectangle

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



3B866B



008697



A46586



AA675B



# Sweetspot

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



3B866B



90ADA3



57863B



455750



D6D6D6



575757



# Same Dimension

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



3B866B



39AD84



3B7C86



3C4240



008253



000302



# Inverse Universe

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



863B56



AD3963



86453B



423C3E



82002F



030001



# Previews

## White Background



This preview shows how the Hex color 3B866B looks on a white background.

## Color Contrast Check

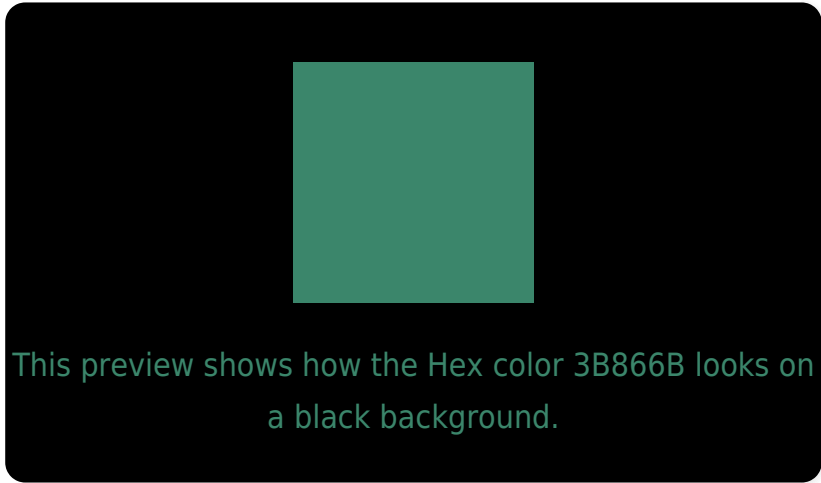
Large Text (above 18pt) WCAG AA ✓ Pass

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

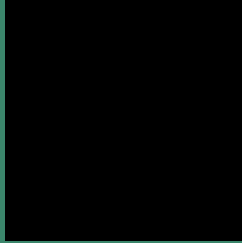
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3B866B Background



This preview shows how black text looks on a background with the Hex color 3B866B.



This preview shows how white text looks on a background with the Hex color 3B866B.

# 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



**Original Color**  
3B866B

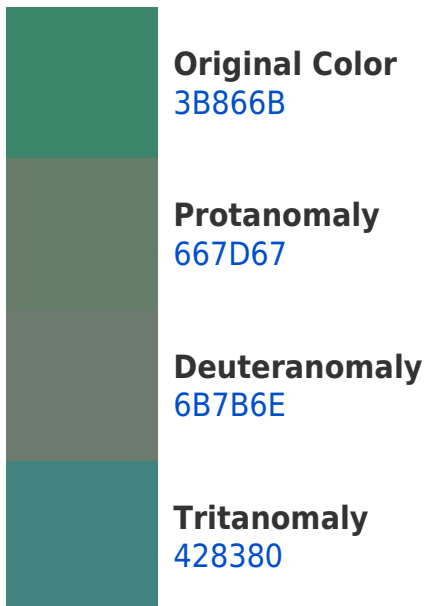
**Protanopia**  
7F7864

**Deuteranopia**  
87746F



**Tritanopia**  
46828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B866B 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 #3B866B looks like.

```
.text, #text, p{  
    color:#3B866B  
}
```

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 #3B866B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B866B
}
```

## Border

The CSS property to change the border of an element to Hex 3B866B 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
#3B866B }
```

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

```
.border{ border-color:#3B866B }
```

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

Here you see how a box with a 4 pixel #3B866B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B866B; -webkit-box-shadow:4px 4px  
4px 4px #3B866B; box-shadow:4px 4px 4px  
4px #3B866B }
```

# Background

The CSS property to change the background color of an element to Hex 3B866B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B866B }
```

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

```
.background{ background-color:#3B866B }
```

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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