

# Converting Colors

Hex(3B6D6A)

Have a look what the booklet for  
Hex(3B6D6A) contains.

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# Color

**Hex(3B6D6A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B6D6A
RGB	59, 109, 106
RGB Percent	23%, 43%, 42%
CMY	0.7686, 0.5725, 0.5843
CMYK	0.46, 0.00, 0.03, 0.57
HSL	176°, 30%, 33%
HSV	176°, 46%, 43%
XYZ	9.8738, 12.9077, 15.6067
YIQ	93.7080, -28.8370, -11.5330

# Conversions

## Conversions Part 2

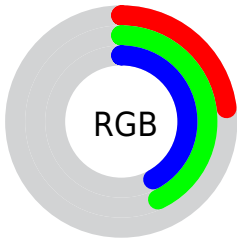
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 85, 109
Decimal	3894634
CIELab	42.62, -17.64, -3.59
CIELCh	43, 18.005, 191.509
Yxy	12.9077, 0.2572, 0.3362
Android (android.graphics.Color)	4282084714 (0xFF3B6D6A)
YUV	93.7080, 6.0600, -30.4389
Hunter-Lab	35.9273, -13.8161, -0.6063

# Details

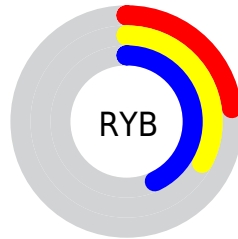
The Hex color **3B6D6A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D3B3E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **6EA19D**, and **033D3B** is the 20% darker color. If you saturate the color by 10%, you get **306D69**, and if you desaturate by 10%, it is **466D6B**.

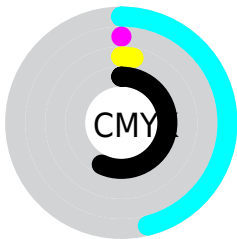
# Distribution



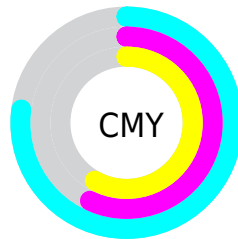
- Red (23%)
- Green (43%)
- Blue (42%)



- Red (23%)
- Yellow (33%)
- Blue (43%)



- Cyan (46%)
- Magenta (0%)
- Yellow (3%)
- Black (57%)



- Cyan (77%)
- Magenta (57%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B6D6A 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 3B6D6A by changing the saturation by 10% instead.





3B6D6A



3B6D6A

FFFFFF



225552



6EA19D



033D3B



88BCB8



002725



A3D8D4



001111



BFF4F0



000000



DBFFFF



F8FFFF



3B6D6A



3B6D6A



306D69



466D6B

■ 256D69

■ 516D6B

■ 1A6D68

■ 5C6D6C

■ 0F6D67

■ 676D6D

■ 056D67

■ 726D6D

■ 006D66

■ 7C6D6E

■ 876D6F

■ 926D6F

■ 9D6D70

# Harmonies

## Analogous

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



486C5B



3B6D6A



396C78

# Triad

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



3B6D6A



6E5F7B



786149

# Complementary

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



3B6D6A



6D3B3E

# 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.



815C52



3B6D6A



7C5B6E

# Square

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



3B6D6A



5A6482



835A5F



6A6647

# Rectangle

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



3B6D6A



406A7E



835A5F



7B5F4B



# Sweetspot

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



3B6D6A



7B8F8E



3E6D3B



3B4747



C7C7C7



474747



# Same Dimension

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



3B6D6A



408F8A



3B576D



303635



00756E



00F5E6



# Inverse Universe

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



6D3B3E



8F4045



6D513B



363031



750007

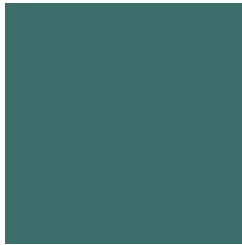


F5000F



# Previews

## White Background



This preview shows how the Hex color 3B6D6A looks on a white background.

## Color Contrast Check

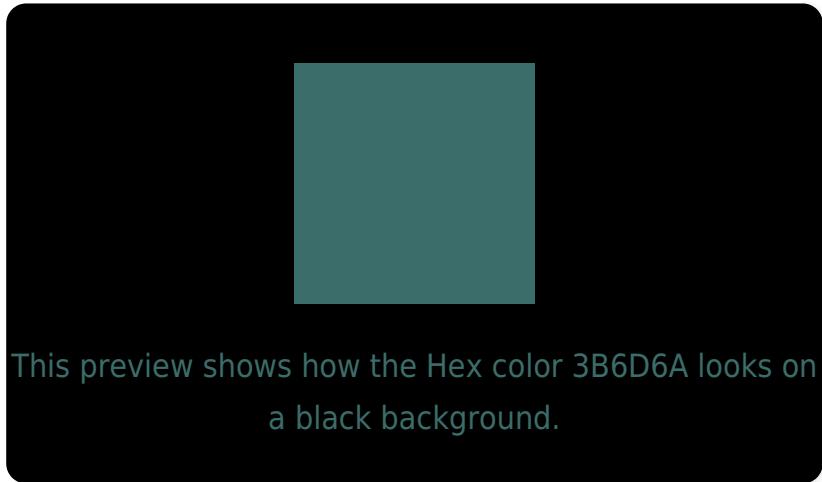
Large Text (above 18pt) WCAG AA ✓ Pass

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

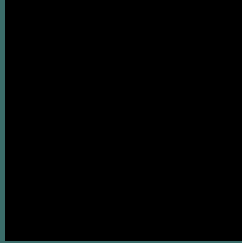
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B6D6A Background



This preview shows how black text looks on a background with the Hex color 3B6D6A.



This preview shows how white text looks on a background with the Hex color 3B6D6A.

# 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**  
3B6D6A

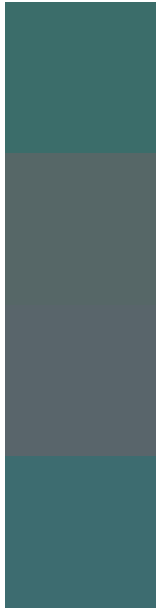
**Protanopia**  
666465

**Deuteranopia**  
6A616C



**Tritanopia**  
3E6B74

# Trichromacy



**Original Color**  
3B6D6A

**Protanomaly**  
566767

**Deuteranomaly**  
59656B

**Tritanomaly**  
3D6C70

# Monochromacy



**Original Color**  
3B6D6A

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
516362

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B6D6A 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 #3B6D6A looks like.

```
.text, #text, p{  
    color:#3B6D6A  
}
```

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 #3B6D6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6D6A
}
```

## Border

The CSS property to change the border of an element to Hex 3B6D6A 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
#3B6D6A }
```

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

```
.border{ border-color:#3B6D6A }
```

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

Here you see how a box with a 4 pixel #3B6D6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6D6A; -webkit-box-shadow:4px 4px  
4px 4px #3B6D6A; box-shadow:4px 4px 4px  
4px #3B6D6A }
```

# Background

The CSS property to change the background color of an element to Hex 3B6D6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6D6A }
```

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

```
.background{ background-color:#3B6D6A }
```

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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