

# Converting Colors

Hex(3B6B72)

Have a look what the booklet for  
Hex(3B6B72) contains.

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# Color

**Hex(3B6B72)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B6B72
RGB	59, 107, 114
RGB Percent	23%, 42%, 45%
CMY	0.7686, 0.5804, 0.5529
CMYK	0.48, 0.06, 0.00, 0.55
HSL	188°, 32%, 34%
HSV	188°, 48%, 45%
XYZ	10.0986, 12.6601, 17.8310
YIQ	93.4460, -30.8550, -7.9990

# Conversions

## Conversions Part 2

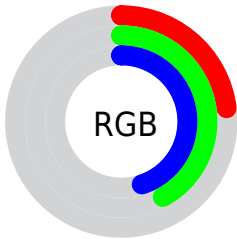
Format	Color
R <sub>Y</sub> B	59, 85, 114
Decimal	3894130
CIE Lab	42.25, -14.25, -9.00
CIE LCh	42, 16.850, 212.270
Yxy	12.6601, 0.2488, 0.3119
Android (android.graphics.Color)	4282084210 (0xFF3B6B72)
YUV	93.4460, 10.1331, -30.2091
Hunter-Lab	35.5810, -11.6050, -4.8057

# Details

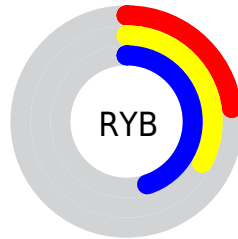
The Hex color **3B6B72** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72423B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **6E9EA6**, and **023B42** is the 20% darker color. If you saturate the color by 10%, you get **306A72**, and if you desaturate by 10%, it is **466C72**.

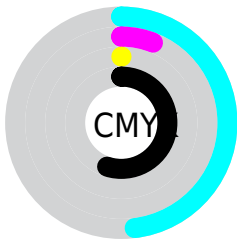
# Distribution



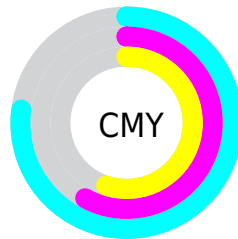
- Red (23%)
- Green (42%)
- Blue (45%)



- Red (23%)
- Yellow (33%)
- Blue (45%)



- Cyan (48%)
- Magenta (6%)
- Yellow (0%)
- Black (55%)



- Cyan (77%)
- Magenta (58%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B6B72 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 3B6B72 by changing the saturation by 10% instead.





3B6B72



3B6B72

FFFFFF



21535A



6E9EA6



023B42



89B9C1



00262C



A4D5DD



001018



BFF2F9



000000



DCFFFF



F9FFFF



3B6B72



3B6B72



306A72



466C72

■ 246872

■ 526E72

■ 196772

■ 5D6F72

■ 0D6572

■ 697172

■ 026472

■ 747272

■ 006372

■ 7F7472

■ 8B7572

■ 967772

■ A27872

# Harmonies

## Analogous

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



406C64



3B6B72



43697C

# Triad

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



3B6B72



775C71



6D6348

# Complementary

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



3B6B72



72423B

# 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.



795E4C



3B6B72



7F5A63

# Square

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



3B6B72



67607B



7F5B56



5E674C

# Rectangle

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



3B6B72



4E667F



7F5B56



716248



# Sweetspot

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



3B6B72



7F9194



3B7241



3D484A



C9C9C9



4A4A4A



# Same Dimension

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



3B6B72



3E8994



3B5072



323738



006978



00D8F7



# Inverse Universe

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



723B6B



943E89



725D3B



383237



780069

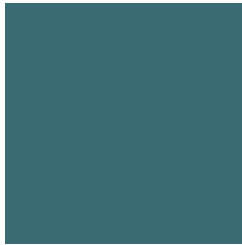


F700D8



# Previews

## White Background



This preview shows how the Hex color 3B6B72 looks on a white background.

## Color Contrast Check

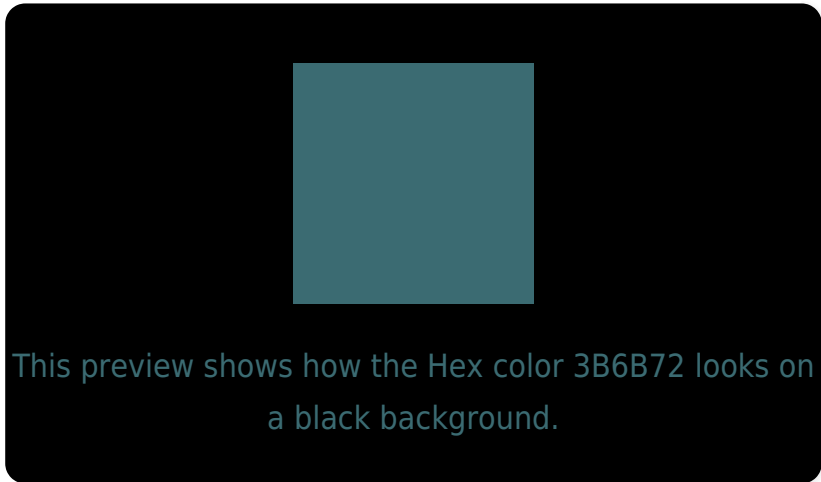
Large Text (above 18pt) WCAG AA ✓ Pass

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

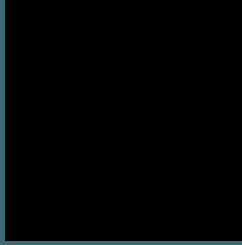
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B6B72 Background



This preview shows how black text looks on a background with the Hex color 3B6B72.



This preview shows how white text looks on a background with the Hex color 3B6B72.

# 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**  
3B6B72

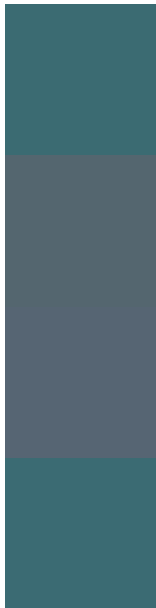
**Protanopia**  
62636D

**Deuteranopia**  
656174



**Tritanopia**  
3B6B73

# Trichromacy



**Original Color**  
3B6B72

**Protanomaly**  
54666F

**Deuteranomaly**  
566573

**Tritanomaly**  
3B6B73

# Monochromacy



**Original Color**  
3B6B72

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
516265

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B6B72 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 #3B6B72 looks like.

```
.text, #text, p{  
    color:#3B6B72  
}
```

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 #3B6B72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6B72
}
```

## Border

The CSS property to change the border of an element to Hex 3B6B72 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
#3B6B72 }
```

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

```
.border{ border-color:#3B6B72 }
```

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

Here you see how a box with a 4 pixel #3B6B72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6B72; -webkit-box-shadow:4px 4px  
4px 4px #3B6B72; box-shadow:4px 4px 4px  
4px #3B6B72 }
```

# Background

The CSS property to change the background color of an element to Hex 3B6B72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6B72 }
```

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

```
.background{ background-color:#3B6B72 }
```

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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