

# Converting Colors

Hex(3A4760)

Have a look what the booklet for  
Hex(3A4760) contains.

<b>Hex(3A4760)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(3A4760)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A4760
RGB	58, 71, 96
RGB Percent	23%, 28%, 38%
CMY	0.7725, 0.7216, 0.6235
CMYK	0.40, 0.26, 0.00, 0.62
HSL	219°, 25%, 30%
HSV	219°, 40%, 38%
XYZ	6.1095, 6.2505, 11.9508
YIQ	69.9630, -15.7730, 5.0190

# Conversions

## Conversions Part 2

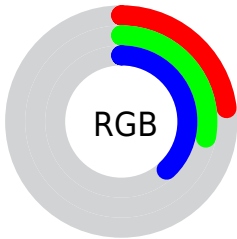
Format	Color
<a href="#">RYB</a>	<a href="#">58, 68, 96</a>
Decimal	<a href="#">3819360</a>
CIELab	<a href="#">30.04, 1.86, -16.39</a>
CIELCh	<a href="#">30, 16.491, 276.472</a>
Yxy	<a href="#">6.2505, 0.2513, 0.2571</a>
Android (android.graphics.Color)	<a href="#">4282009440 (0xFF3A4760)</a>
YUV	<a href="#">69.9630, 12.8362, -10.4916</a>
Hunter-Lab	<a href="#">25.0011, -0.1321, -10.8405</a>

# Details

The Hex color **3A4760** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **60533A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6B7793**, and **0C1C32** is the 20% darker color. If you saturate the color by 10%, you get **304160**, and if you desaturate by 10%, it is **444D60**.

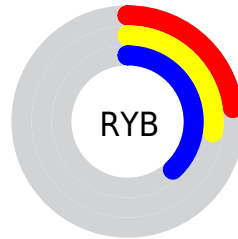
# Distribution



Red (23%)

Green (28%)

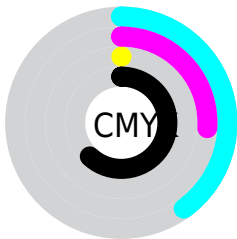
Blue (38%)



Red (23%)

Yellow (27%)

Blue (38%)

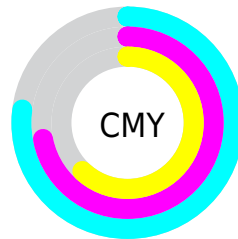


Cyan (40%)

Magenta (26%)

Yellow (0%)

Black (62%)



Cyan (77%)

Magenta (72%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A4760 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 3A4760 by changing the saturation by 10% instead.



■ 3A4760

■ 3A4760

FFFFFF

■ 233148

■ 6B7793

■ 0C1C32

■ 8491AD

■ 00001D

■ 9FABC9

■ 000000

■ BAC7E5

■ D6E3FF

■ F2FFFF

■ 3A4760

■ 3A4760

■ 304160

■ 444D60

■ 273A60

■ 4D5460

■ 1D3460

■ 575A60

■ 142E60

■ 606060

■ 0A2760

■ 6A6760

■ 002160

■ 746D60

■ 7D7360

■ 877A60

■ 908060

# Harmonies

## Analogous

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



274B5E



3A4760



4C425B

# Triad

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



3A4760



5F3F38



304D3C

# Complementary

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



3A4760



60533A

# 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.



3F4B32



3A4760



584230

# Square

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



3A4760



603D44



4D472D



224E49

# Rectangle

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



3A4760



564055



4D472D



354C38



# Sweetspot

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



3A4760



6E737D



3A6053



373A40



BFBFBF



404040



# Same Dimension

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



3A4760



41557D



403A60



2C2D30



002670



0052F0



# Inverse Universe

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



603A47



7D4155



5A603A



302C2D



700026

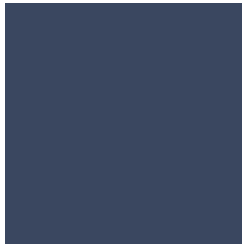


F00052



# Previews

## White Background



This preview shows how the Hex color 3A4760 looks on a white background.

## Color Contrast Check

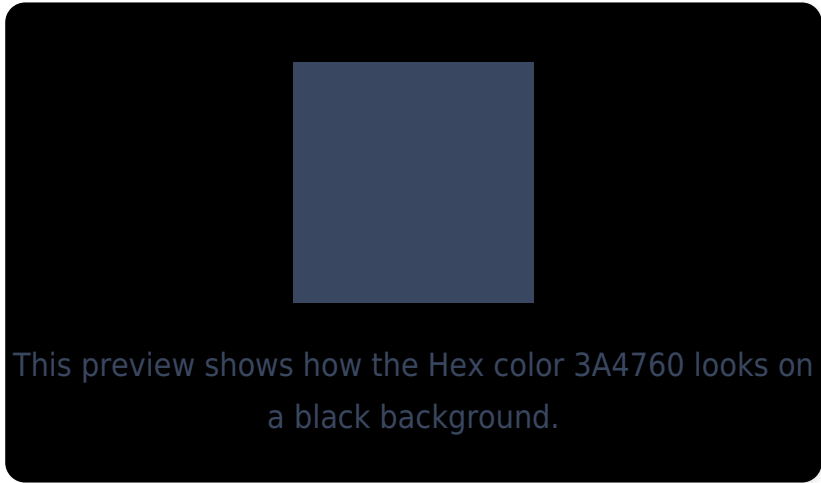
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

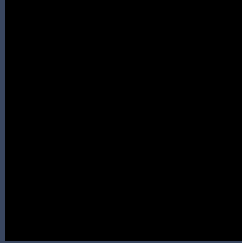
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

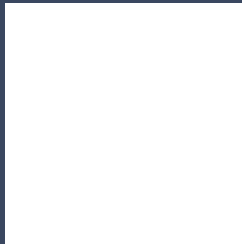
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3A4760 Background



This preview shows how black text looks on a background with the Hex color 3A4760.

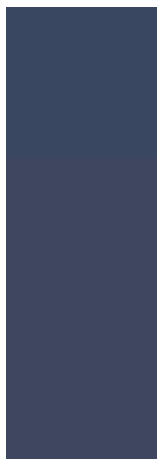


This preview shows how white text looks on a background with the Hex color 3A4760.

# 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**

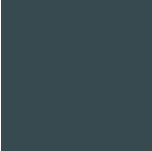
3A4760

**Protanopia**

3F465F

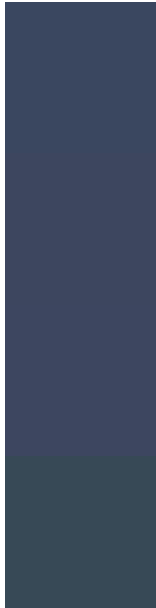
**Deuteranopia**

3F4660



**Tritanopia**  
364A50

# Trichromacy



**Original Color**

3A4760

**Protanomaly**

3D465F

**Deuteranomaly**

3D4660

**Tritanomaly**

374956

# Monochromacy



**Original Color**

3A4760

**Achromatopsia**

464646

**Achromatomaly**

42464F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A4760 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 #3A4760 looks like.

```
.text, #text, p{  
    color:#3A4760  
}
```

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 #3A4760 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A4760
}
```

## Border

The CSS property to change the border of an element to Hex 3A4760 is called "border". The border property can be set on classes, ids or directly on the HTML element.

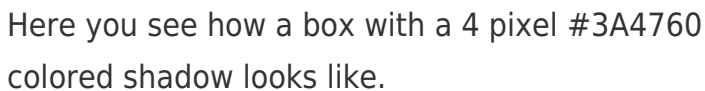
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A4760 }
```

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

```
.border{ border-color:#3A4760 }
```

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



Here you see how a box with a 4 pixel #3A4760 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A4760; -webkit-box-shadow:4px 4px  
4px 4px #3A4760; box-shadow:4px 4px 4px  
4px #3A4760 }
```

# Background

The CSS property to change the background color of an element to Hex 3A4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A4760 }
```

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

```
.background{ background-color:#3A4760 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor