

# Converting Colors

Hex(3C4768)

Have a look what the booklet for  
Hex(3C4768) contains.

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# Color

**Hex(3C4768)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3C4768
RGB	60, 71, 104
RGB Percent	24%, 28%, 41%
CMY	0.7647, 0.7216, 0.5922
CMYK	0.42, 0.32, 0.00, 0.59
HSL	225°, 27%, 32%
HSV	225°, 42%, 41%
XYZ	6.6154, 6.4666, 13.9962
YIQ	71.4730, -17.1490, 7.9310

# Conversions

## Conversions Part 2

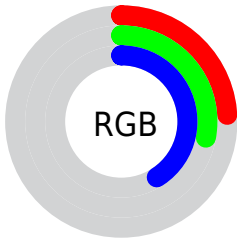
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 69, 104
Decimal	3950440
CIELab	30.56, 4.98, -20.66
CIELCh	31, 21.252, 283.555
Yxy	6.4666, 0.2443, 0.2388
Android (android.graphics.Color)	4282140520 (0xFF3C4768)
YUV	71.4730, 16.0358, -10.0618
Hunter-Lab	25.4295, 1.9345, -14.8321

# Details

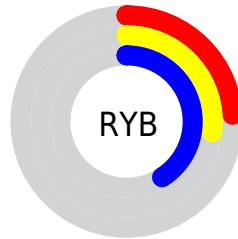
The Hex color **3C4768** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **685D3C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6D779B**, and **0C1C39** is the 20% darker color. If you saturate the color by 10%, you get **323F68**, and if you desaturate by 10%, it is **464F68**.

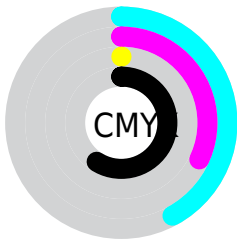
# Distribution



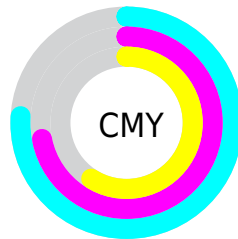
- Red (24%)
- Green (28%)
- Blue (41%)



- Red (24%)
- Yellow (27%)
- Blue (41%)



- Cyan (42%)
- Magenta (32%)
- Yellow (0%)
- Black (59%)



- Cyan (76%)
- Magenta (72%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C4768 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 3C4768 by changing the saturation by 10% instead.





3C4768



3C4768

FFFFFF



243150



6D779B



0C1C39



8791B6



000023



A2ABD2



00000B



BDC7EE



000000



D9E3FF



F6FFFF



3C4768



3C4768



323F68



464F68

■ 273768

■ 515768

■ 1D3068

■ 5B5E68

■ 122868

■ 666668

■ 082068

■ 706E68

■ 001A68

■ 7A7668

■ 857E68

■ 8F8568

■ 9A8D68

# Harmonies

## Analogous

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



1E4C67



3C4768



534160

# Triad

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



3C4768



653E32



24503E

# Complementary

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



3C4768



685D3C

# 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.



394E2F



3C4768



5B4428

# Square

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



3C4768



683B41



4B4927



08514F

# Rectangle

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



3C4768



5E3D57



4B4927



2B4F39



# Sweetspot

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



3C4768



767A87



3C685D



3A3D45



C4C4C4



454545



# Same Dimension

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



3C4768



425387



473C68



2E2F33



001D73



003DF2



# Inverse Universe

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



683C47



874253



5D683C



332E2F



73001D



F2003D



# Previews

## White Background



This preview shows how the Hex color 3C4768 looks on a white background.

## Color Contrast Check

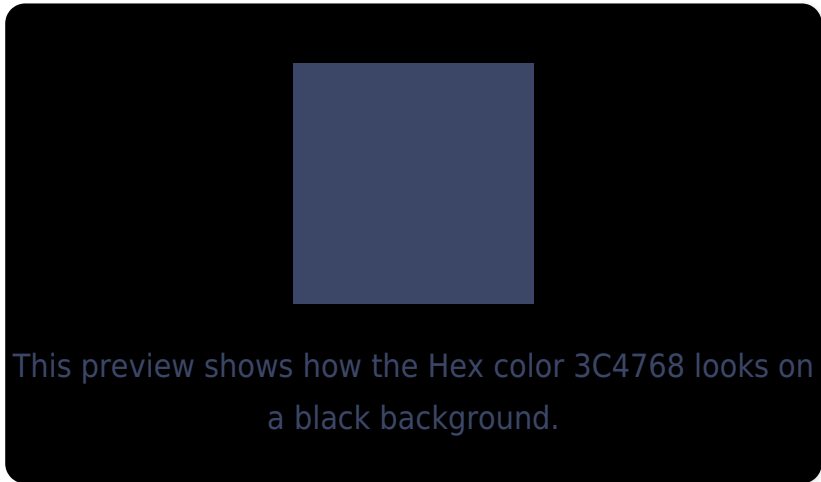
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C4768 Background



This preview shows how black text looks on a background with the Hex color 3C4768.

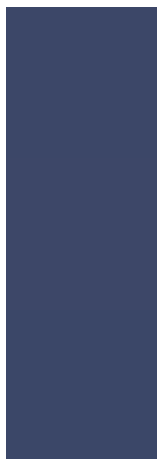


This preview shows how white text looks on a background with the Hex color 3C4768.

# 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**

3C4768

**Protanopia**

3D4768

**Deuteranopia**

3B4768



**Tritanopia**  
364B51

# Trichromacy



**Original Color**  
3C4768

**Protanomaly**  
3D4768

**Deuteranomaly**  
3B4768

**Tritanomaly**  
384A59

# Monochromacy



**Original Color**  
3C4768

**Achromatopsia**  
474747

**Achromatomaly**  
434753

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C4768 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 #3C4768 looks like.

```
.text, #text, p{  
    color:#3C4768  
}
```

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 #3C4768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4768
}
```

## Border

The CSS property to change the border of an element to Hex 3C4768 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
#3C4768 }
```

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

```
.border{ border-color:#3C4768 }
```

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

Here you see how a box with a 4 pixel #3C4768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4768; -webkit-box-shadow:4px 4px  
4px 4px #3C4768; box-shadow:4px 4px 4px  
4px #3C4768 }
```

# Background

The CSS property to change the background color of an element to Hex 3C4768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4768 }
```

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

```
.background{ background-color:#3C4768 }
```

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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