

# Converting Colors

Hex(3C496F)

Have a look what the booklet for  
Hex(3C496F) contains.

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# Color

Hex(3C496F)

# Conversions

## Conversions Part 1

Format	Color
Hex	3C496F
RGB	60, 73, 111
RGB Percent	24%, 29%, 44%
CMY	0.7647, 0.7137, 0.5647
CMYK	0.46, 0.34, 0.00, 0.56
HSL	225°, 30%, 34%
HSV	225°, 46%, 44%
XYZ	7.1153, 6.8734, 15.9906
YIQ	73.4450, -19.9460, 9.0620

# Conversions

## Conversions Part 2

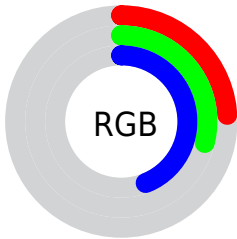
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 70, 111
Decimal	3950959
CIELab	31.52, 5.91, -23.59
CIElCh	32, 24.323, 284.069
Yxy	6.8734, 0.2373, 0.2293
Android (android.graphics.Color)	4282141039 (0xFF3C496F)
YUV	73.4450, 18.5146, -11.7913
Hunter-Lab	26.2173, 2.5641, -17.8105

# Details

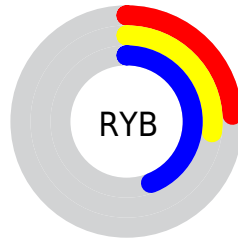
The Hex color **3C496F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6F623C**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **6E79A3**, and **091E3F** is the 20% darker color. If you saturate the color by 10%, you get **31416F**, and if you desaturate by 10%, it is **47516F**.

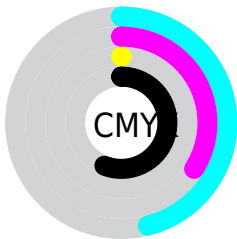
# Distribution



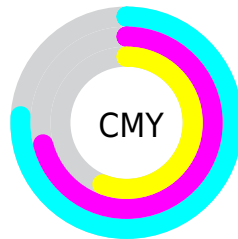
- Red (24%)
- Green (29%)
- Blue (44%)



- Red (24%)
- Yellow (27%)
- Blue (44%)



- Cyan (46%)
- Magenta (34%)
- Yellow (0%)
- Black (56%)



- Cyan (76%)
- Magenta (71%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C496F 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 3C496F by changing the saturation by 10% instead.





3C496F



3C496F

FFFFFF



243356



6E79A3



091E3F



8893BE



000429



A3AEDA



000113



BEC9F6



000000



DAE5FF



F7FFFF



3C496F



3C496F



31416F



47516F

■ 26386F

■ 525A6F

■ 1B306F

■ 5D626F

■ 10286F

■ 686A6F

■ 04206F

■ 74726F

■ 001C6F

■ 7F7B6F

■ 8A836F

■ 958B6F

■ A0936F

# Harmonies

## Analogous

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



134F6E



3C496F



574266

# Triad

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



3C496F



6B3F31



1D533F

# Complementary

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



3C496F



6F623C

# 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.



38512E



3C496F



5F4525

# Square

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



3C496F



6F3B42



4D4C24



005453

# Rectangle

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



3C496F



643E5B



4D4C24



275339



# Sweetspot

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



3C496F



7D8291



3C6F61



3D414A



C9C9C9



4A4A4A



# Same Dimension

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



3C496F



415691



483C6F



323438



001F78



003FF7



# Inverse Universe

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



6F3C49



914156



636F3C



383234



78001F



F7003F



# Previews

## White Background



This preview shows how the Hex color 3C496F looks on a white background.

## Color Contrast Check

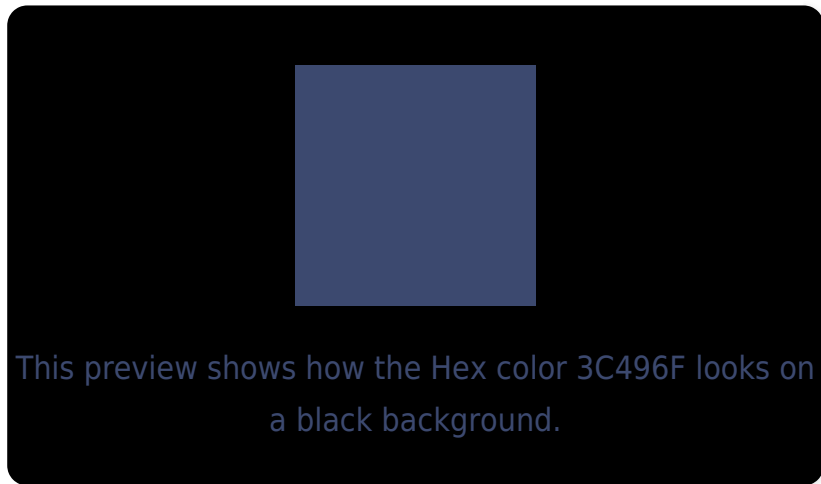
Large Text (above 18pt) WCAG AA ✓ Pass

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

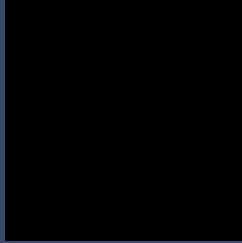
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C496F Background



This preview shows how black text looks on a background with the Hex color 3C496F.

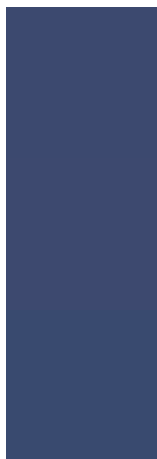


This preview shows how white text looks on a background with the Hex color 3C496F.

# 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**

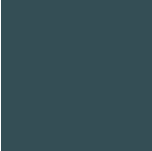
3C496F

**Protanopia**

3D496F

**Deuteranopia**

394A6F



**Tritanopia**  
344E55

# Trichromacy



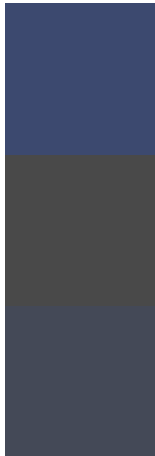
**Original Color**  
3C496F

**Protanomaly**  
3D496F

**Deuteranomaly**  
3A4A6F

**Tritanomaly**  
374C5E

# Monochromacy



**Original Color**  
3C496F

**Achromatopsia**  
494949

**Achromatomaly**  
444957

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C496F 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 #3C496F looks like.

```
.text, #text, p{  
    color:#3C496F  
}
```

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 #3C496F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C496F
}
```

## Border

The CSS property to change the border of an element to Hex 3C496F 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
#3C496F }
```

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

```
.border{ border-color:#3C496F }
```

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

Here you see how a box with a 4 pixel #3C496F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C496F; -webkit-box-shadow:4px 4px  
4px 4px #3C496F; box-shadow:4px 4px 4px  
4px #3C496F }
```

# Background

The CSS property to change the background color of an element to Hex 3C496F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C496F }
```

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

```
.background{ background-color:#3C496F }
```

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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