

Converting Colors

Hex(3E436F)

Have a look what the booklet for
Hex(3E436F) contains.

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Color

Hex(3E436F)

Conversions

Conversions Part 1

Format	Color
Hex	3E436F
RGB	62, 67, 111
RGB Percent	24%, 26%, 44%
CMY	0.7569, 0.7373, 0.5647
CMYK	0.44, 0.40, 0.00, 0.56
HSL	234°, 28%, 34%
HSV	234°, 44%, 44%
XYZ	6.8630, 6.1861, 15.8713
YIQ	70.5210, -17.1040, 12.6240

Conversions

Conversions Part 2

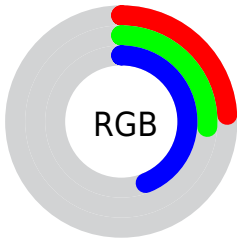
Format	Color
R_{YB}	62, 67, 111
Decimal	4080495
CIE _{Lab}	29.88, 10.46, -26.16
CIE _{LCh}	30, 28.171, 291.796
Yxy	6.1861, 0.2373, 0.2139
Android (android.graphics.Color)	4282270575 (0xFF3E436F)
YUV	70.5210, 19.9561, -7.4729
Hunter-Lab	24.8720, 5.7282, -20.4237

Details

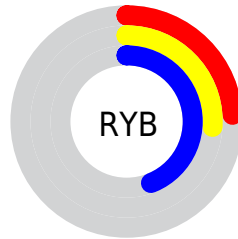
The Hex color **3E436F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6F6A3E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7073A3**, and **0C193F** is the 20% darker color. If you saturate the color by 10%, you get **33396F**, and if you desaturate by 10%, it is **494D6F**.

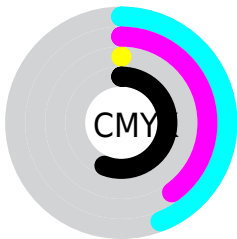
Distribution



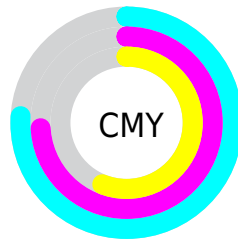
- Red (24%)
- Green (26%)
- Blue (44%)



- Red (24%)
- Yellow (26%)
- Blue (44%)



- Cyan (44%)
- Magenta (40%)
- Yellow (0%)
- Black (56%)



- Cyan (76%)
- Magenta (74%)
- Yellow (56%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E436F 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 3E436F by changing the saturation by 10% instead.

■ 3E436F

■ 3E436F

FFFFFF

■ 262D56

■ 7073A3

■ 0C193F

■ 8A8CBE

■ 000029

■ A5A7DA

■ 000113

■ C1C2F7

■ 000000

■ DDDEFF

■ FAFAFF

■ 3E436F

■ 3E436F

■ 33396F

■ 494D6F

■ 282F6F

■ 54576F

■ 1D256F

■ 5F616F

■ 121B6F

■ 6A6B6F

■ 06116F

■ 75756F

■ 000B6F

■ 817F6F

■ 8C896F

■ 97936F

■ A29D6F

Harmonies

Analogous

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



034A71



3E436F



5C3A62

Triad

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



3E436F



683B25



00513F

Complementary

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



3E436F



6F6A3E

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.



294F2A



3E436F



58431A

Square

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



3E436F



6F3537



434A1C



005156

Rectangle

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



3E436F



683655



434A1C



0E5038

Sweetspot

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



3E436F



7E8091



3E6F69



3E3F4A



C9C9C9



4A4A4A

Same Dimension

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



3E436F



444C91



513E6F



323338



000C78



0019F7

Inverse Universe

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



6F3E43



91444C



5C6F3E



383233



78000C



F70019

Previews

White Background



This preview shows how the Hex color 3E436F looks on a white background.

Color Contrast Check

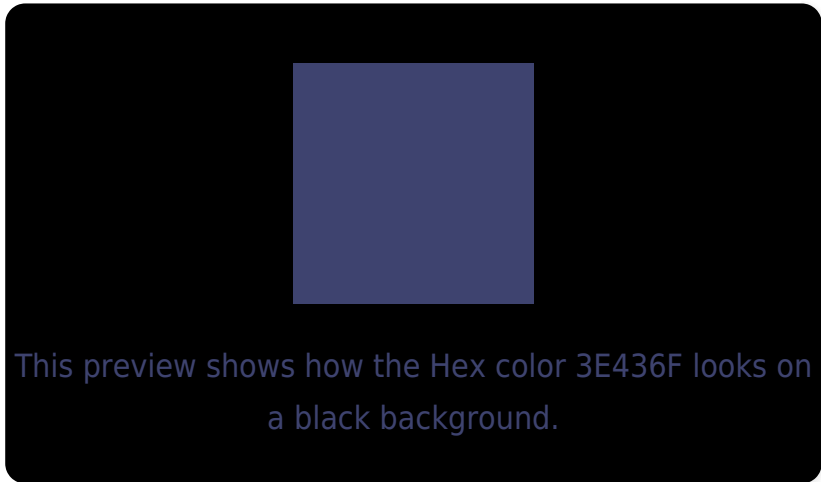
Large Text (above 18pt) WCAG AA ✓ Pass

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

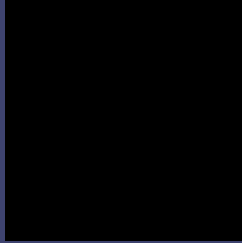
Any Text WCAG AA × Fail

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 3E436F Background



This preview shows how black text looks on a background with the Hex color 3E436F.



This preview shows how white text looks on a background with the Hex color 3E436F.

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](#).

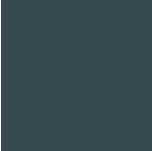
Dichromacy



Original Color
3E436F

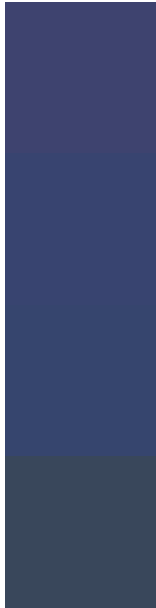
Protanopia
354571

Deuteranopia
31466E



Tritanopia
364A50

Trichromacy



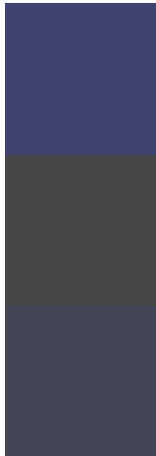
Original Color
3E436F

Protanomaly
384470

Deuteranomaly
36456E

Tritanomaly
39475B

Monochromacy



Original Color
3E436F

Achromatopsia
474747

Achromatomaly
444656

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E436F 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 #3E436F looks like.

```
.text, #text, p{  
    color:#3E436F  
}
```

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 #3E436F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E436F
}
```

Border

The CSS property to change the border of an element to Hex 3E436F is called "border". The border property can be set on classes, ids or directly on the HTML element.

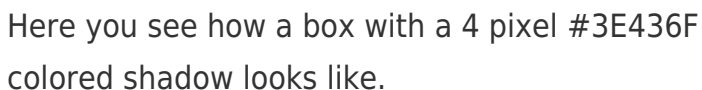
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E436F }
```

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

```
.border{ border-color:#3E436F }
```

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



Here you see how a box with a 4 pixel #3E436F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E436F; -webkit-box-shadow:4px 4px  
4px 4px #3E436F; box-shadow:4px 4px 4px  
4px #3E436F }
```

Background

The CSS property to change the background color of an element to Hex 3E436F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E436F }
```

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

```
.background{ background-color:#3E436F }
```

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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