

# Converting Colors

Hex(3E5970)

Have a look what the booklet for  
Hex(3E5970) contains.

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# Color

**Hex(3E5970)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E5970
RGB	62, 89, 112
RGB Percent	24%, 35%, 44%
CMY	0.7569, 0.6510, 0.5608
CMYK	0.45, 0.21, 0.00, 0.56
HSL	208°, 29%, 34%
HSV	208°, 45%, 44%
XYZ	8.4836, 9.3387, 16.6847
YIQ	83.5490, -23.4750, 1.4290

# Conversions

## Conversions Part 2

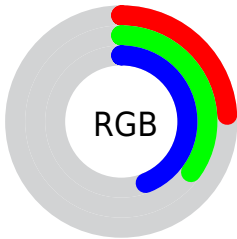
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	62, 80, 112
Decimal	4086128
CIE <sub>Lab</sub>	36.63, -3.39, -16.29
CIE <sub>LCh</sub>	37, 16.636, 258.225
Yxy	9.3387, 0.2459, 0.2706
Android (android.graphics.Color)	4282276208 (0xFF3E5970)
YUV	83.5490, 14.0263, -18.8985
Hunter-Lab	30.5594, -3.9253, -10.9793

# Details

The Hex color **3E5970** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **70553E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **708BA4**, and **0C2C40** is the 20% darker color. If you saturate the color by 10%, you get **335470**, and if you desaturate by 10%, it is **495E70**.

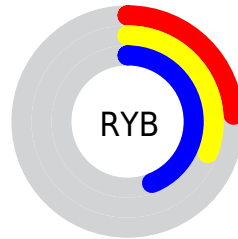
# Distribution



 Red (24%)

 Green (35%)

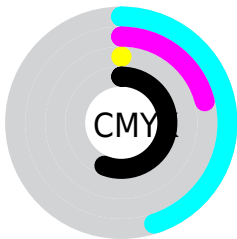
 Blue (44%)




 Red (24%)

 Yellow (31%)

 Blue (44%)

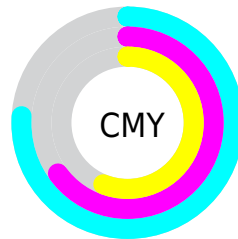


 Cyan (45%)


 Magenta (21%)

 Yellow (0%)

 Black (56%)



 Cyan (76%)

 Magenta (65%)

 Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E5970 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 3E5970 by changing the saturation by 10% instead.



■ 3E5970

■ 3E5970

FFFFFF

■ 264258

■ 708BA4

■ 0C2C40

■ 8AA5BF

■ 00172A

■ A5C0DB

■ 000115

■ C0DCF7

■ 000000

■ DDF9FF

■ FAFFFF

■ 3E5970

■ 3E5970

■ 335470

■ 495E70

■ 284F70

■ 546370

■ 1C4A70

■ 606870

■ 114470

■ 6B6E70

■ 063F70

■ 767370

■ 003C70

■ 817870

■ 8C7D70

■ 988270

■ A38770

# Harmonies

## Analogous

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



305C6A



3E5970



51556F

# Triad

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



3E5970



714D4E



485B44

# Complementary

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



3E5970



70553E

# 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.



57583D



3E5970



6E4F43

# Square

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



3E5970



6D4D5C



65543C



395D50

# Rectangle

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



3E5970



5D516B



65543C



4D5A41



# Sweetspot

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



3E5970



7E8991



3E7055



3E454A



C9C9C9



4A4A4A



# Same Dimension

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



3E5970



436D91



3E4070



323638



004178



0086F7



# Inverse Universe

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



703E59



91436D



706E3E



383236



780041

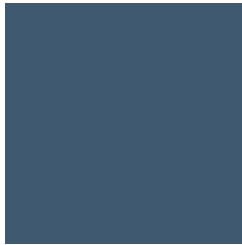


F70086



# Previews

## White Background



This preview shows how the Hex color 3E5970 looks on a white background.

## Color Contrast Check

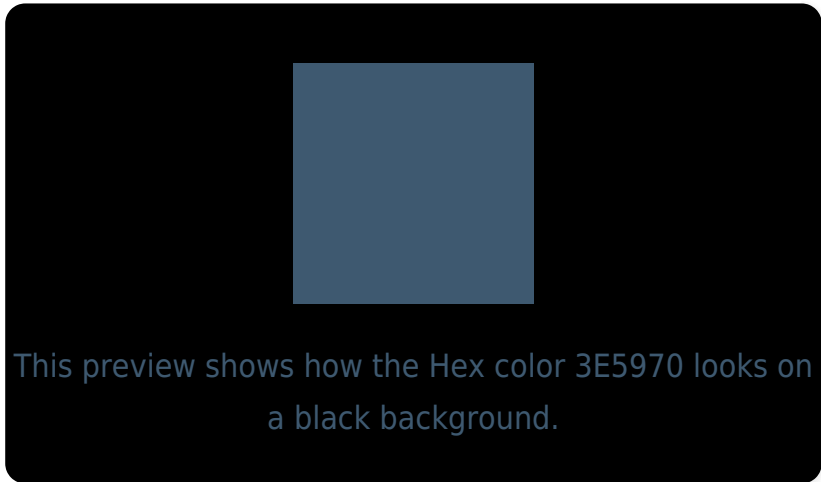
Large Text (above 18pt) WCAG AA ✓ Pass

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

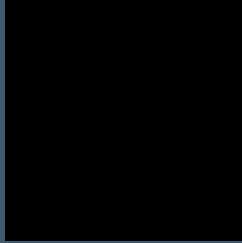
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

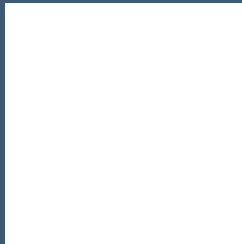
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3E5970 Background



This preview shows how black text looks on a background with the Hex color 3E5970.

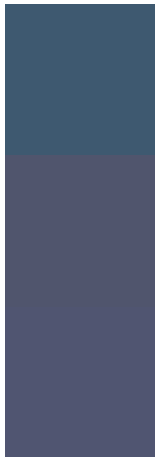


This preview shows how white text looks on a background with the Hex color 3E5970.

# 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**  
3E5970

**Protanopia**  
50556D

**Deuteranopia**  
505571



**Tritanopia**  
3A5B63

# Trichromacy



**Original Color**  
3E5970

**Protanomaly**  
49566E

**Deuteranomaly**  
495671

**Tritanomaly**  
3B5A68

# Monochromacy



**Original Color**  
3E5970

**Achromatopsia**  
545454

**Achromatomaly**  
4C565E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E5970 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 #3E5970 looks like.

```
.text, #text, p{  
    color:#3E5970  
}
```

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 #3E5970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5970
}
```

## Border

The CSS property to change the border of an element to Hex 3E5970 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
#3E5970 }
```

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

```
.border{ border-color:#3E5970 }
```

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

Here you see how a box with a 4 pixel #3E5970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5970; -webkit-box-shadow:4px 4px  
4px 4px #3E5970; box-shadow:4px 4px 4px  
4px #3E5970 }
```

# Background

The CSS property to change the background color of an element to Hex 3E5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5970 }
```

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

```
.background{ background-color:#3E5970 }
```

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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