

# Converting Colors

Hex(3E4B75)

Have a look what the booklet for  
Hex(3E4B75) contains.

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# Color

Hex(3E4B75)

# Conversions

## Conversions Part 1

Format	Color
Hex	3E4B75
RGB	62, 75, 117
RGB Percent	24%, 29%, 46%
CMY	0.7569, 0.7059, 0.5412
CMYK	0.47, 0.36, 0.00, 0.54
HSL	226°, 31%, 35%
HSV	226°, 47%, 46%
XYZ	7.7136, 7.3406, 17.8400
YIQ	75.9010, -21.2300, 10.3060

# Conversions

## Conversions Part 2

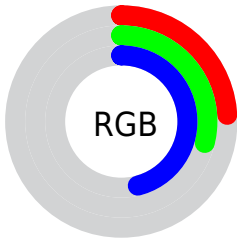
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 73, 117
Decimal	4082549
CIELab	32.57, 7.12, -25.70
CIElCh	33, 26.667, 285.489
Yxy	7.3406, 0.2345, 0.2232
Android (android.graphics.Color)	4282272629 (0xFF3E4B75)
YUV	75.9010, 20.2618, -12.1912
Hunter-Lab	27.0936, 3.4052, -20.0743

# Details

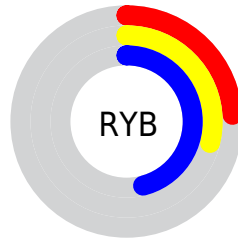
The Hex color **3E4B75** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **75683E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **707CA9**, and **0A2044** is the 20% darker color. If you saturate the color by 10%, you get **324275**, and if you desaturate by 10%, it is **4A5475**.

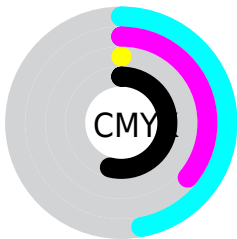
# Distribution



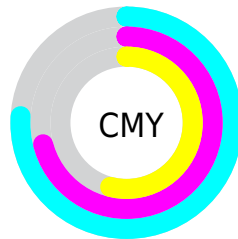
- Red (24%)
- Green (29%)
- Blue (46%)



- Red (24%)
- Yellow (29%)
- Blue (46%)



- Cyan (47%)
- Magenta (36%)
- Yellow (0%)
- Black (54%)



- Cyan (76%)
- Magenta (71%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E4B75 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 3E4B75 by changing the saturation by 10% instead.





3E4B75



3E4B75

FFFFFF



25355C



707CA9



0A2044



8B95C5



00072E



A6B0E1



000119



C1CBFD



000000



DEE7FF



FAFFFF



3E4B75



3E4B75



324275



4A5475

■ 273975

■ 555D75

■ 1B3075

■ 616675

■ 0F2775

■ 6D6F75

■ 041E75

■ 797875

■ 001C75

■ 848175

■ 908A75

■ 9C9275

■ A79B75

# Harmonies

## Analogous

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



0A5275



3E4B75



5C436A

# Triad

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



3E4B75



704030



175741

# Complementary

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



3E4B75



75683E

# 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.



37542E



3E4B75



624824

# Square

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



3E4B75



753C42



4F4F23



005757

# Rectangle

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



3E4B75



6A3E5E



4F4F23



24563A



# Sweetspot

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



3E4B75



848999



3E7567



3F434D



CCCCCC



4D4D4D



# Same Dimension

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



3E4B75



435899



4C3E75



35363B



001D7A



003BFA



# Inverse Universe

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



753E4B



994358



67753E



3B3536



7A001D



FA003B



# Previews

## White Background



This preview shows how the Hex color 3E4B75 looks on a white background.

## Color Contrast Check

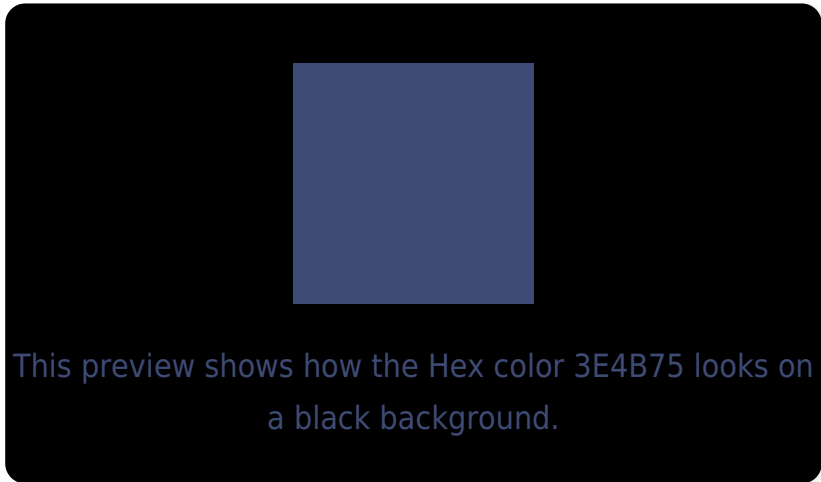
Large Text (above 18pt) WCAG AA ✓ Pass

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

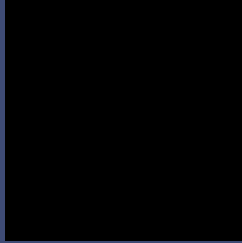
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E4B75 Background



This preview shows how black text looks on a background with the Hex color 3E4B75.



This preview shows how white text looks on a background with the Hex color 3E4B75.

# 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**

3E4B75

**Protanopia**

3E4B75

**Deuteranopia**

394C75



**Tritanopia**  
355158

# Trichromacy



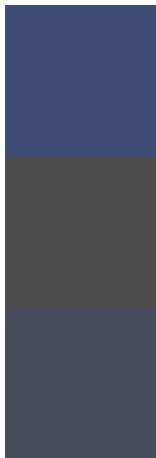
**Original Color**  
3E4B75

**Protanomaly**  
3E4B75

**Deuteranomaly**  
3B4C75

**Tritanomaly**  
384F63

# Monochromacy



**Original Color**  
3E4B75

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
474C5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E4B75 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 #3E4B75 looks like.

```
.text, #text, p{  
    color:#3E4B75  
}
```

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 #3E4B75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4B75  
}
```

## Border

The CSS property to change the border of an element to Hex 3E4B75 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  
#3E4B75 }
```

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

```
.border{ border-color:#3E4B75 }
```

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

Here you see how a box with a 4 pixel #3E4B75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4B75; -webkit-box-shadow:4px 4px  
4px 4px #3E4B75; box-shadow:4px 4px 4px  
4px #3E4B75 }
```

# Background

The CSS property to change the background color of an element to Hex 3E4B75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4B75 }
```

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

```
.background{ background-color:#3E4B75 }
```

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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