

# Converting Colors

Hex(3E417C)

Have a look what the booklet for  
Hex(3E417C) contains.

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# Color

Hex(3E417C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E417C
RGB	62, 65, 124
RGB Percent	24%, 25%, 49%
CMY	0.7569, 0.7451, 0.5137
CMYK	0.50, 0.48, 0.00, 0.51
HSL	237°, 33%, 36%
HSV	237°, 50%, 49%
XYZ	7.5150, 6.2600, 19.8810
YIQ	70.8290, -20.7270, 17.7130

# Conversions

## Conversions Part 2

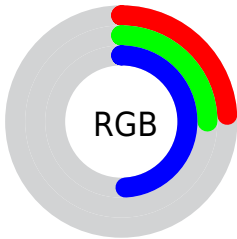
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	62, 65, 124
Decimal	4079996
CIE Lab	30.06, 16.07, -34.05
CIE LCh	30, 37.653, 295.266
Yxy	6.2600, 0.2233, 0.1860
Android (android.graphics.Color)	4282270076 (0xFF3E417C)
YUV	70.8290, 26.2133, -7.7430
Hunter-Lab	25.0199, 9.8295, -29.5983

# Details

The Hex color **3E417C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7C793E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7271B1**, and **04174B** is the 20% darker color. If you saturate the color by 10%, you get **32357C**, and if you desaturate by 10%, it is **4A4D7C**.

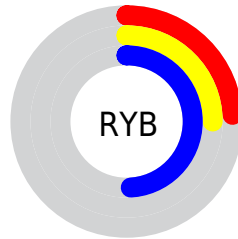
# Distribution



 Red (24%)

 Green (25%)

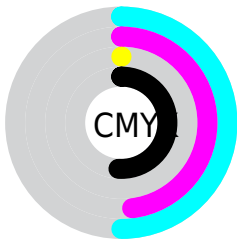
 Blue (49%)




 Red (24%)

 Yellow (25%)

 Blue (49%)

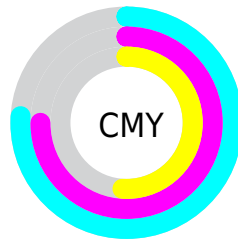


 Cyan (50%)

 Magenta (48%)

 Yellow (0%)

 Black (51%)



 Cyan (76%)

 Magenta (75%)

 Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E417C 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 3E417C by changing the saturation by 10% instead.



■ 3E417C

■ 3E417C

FFFFFF

■ 242B63

■ 7271B1

■ 04174B

■ 8C8ACD

■ 000034

■ A7A4E9

■ 00021E

■ C3BFFF

■ 000000

■ E0DBFF

■ FDF8FF

■ 3E417C

■ 3E417C

■ 32357C

■ 4A4D7C

■ 25297C

■ 57597C

■ 191E7C

■ 63647C

■ 0C127C

■ 70707C

■ 00067C

■ 7C7C7C

■ 88887C

■ 95947C

■ A19F7C

■ AEAB7C

# Harmonies

## Analogous

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



004C81



3E417C



663469

# Triad

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



3E417C



6F3816



005441

# Complementary

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



3E417C



7C793E

# 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.



135224



3E417C



594404

# Square

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



3E417C



7B2D30



3D4C0B



00545F

# Rectangle

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



3E417C



742D56



3D4C0B



005437



# Sweetspot

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



3E417C



898AA1



3E7C79



434452



D1D1D1



525252



# Same Dimension

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



3E417C



4045A1



5A3E7C



37373D



00067D



000CFC



# Inverse Universe

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



7C3E41



A14045



607C3E



3D3737



7D0006



FC000C



# Previews

## White Background



This preview shows how the Hex color 3E417C looks on a white background.

## Color Contrast Check

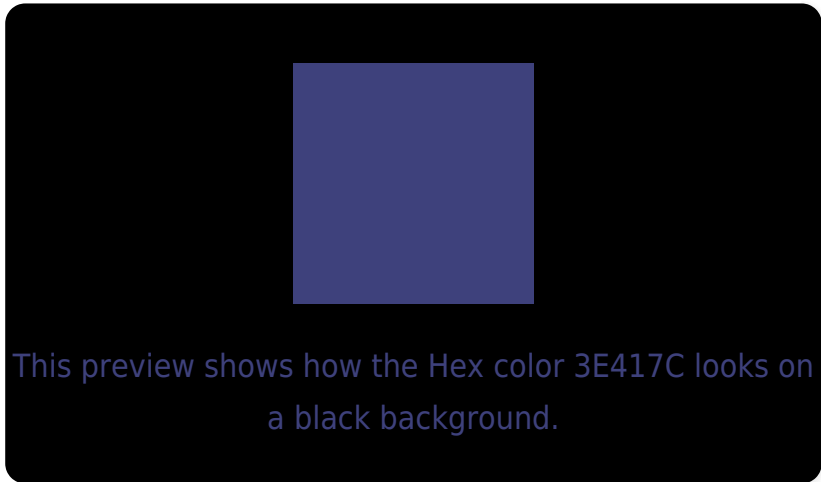
Large Text (above 18pt) WCAG AA ✓ Pass

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

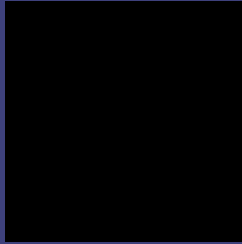
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E417C Background



This preview shows how black text looks on a background with the Hex color 3E417C.



This preview shows how white text looks on a background with the Hex color 3E417C.

# 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**  
3E417C

**Protanopia**  
2A4580

**Deuteranopia**  
1E487A



**Tritanopia**  
314B51

# Trichromacy



**Original Color**  
3E417C

**Protanomaly**  
31447F

**Deuteranomaly**  
2A457B

**Tritanomaly**  
364761

# Monochromacy



**Original Color**  
3E417C

**Achromatopsia**  
474747

**Achromatomaly**  
44455A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E417C 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 #3E417C looks like.

```
.text, #text, p{  
    color:#3E417C  
}
```

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 #3E417C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E417C
}
```

## Border

The CSS property to change the border of an element to Hex 3E417C is called "border". The border property can be set on classes, ids or directly on the HTML element.

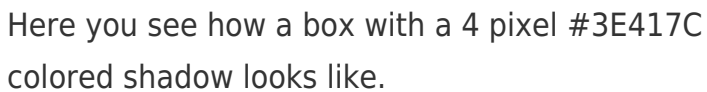
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E417C }
```

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

```
.border{ border-color:#3E417C }
```

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



Here you see how a box with a 4 pixel #3E417C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E417C; -webkit-box-shadow:4px 4px  
4px 4px #3E417C; box-shadow:4px 4px 4px  
4px #3E417C }
```

# Background

The CSS property to change the background color of an element to Hex 3E417C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E417C }
```

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

```
.background{ background-color:#3E417C }
```

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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