

Converting Colors

Hex(3E447B)

Have a look what the booklet for
Hex(3E447B) contains.

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Color

Hex(3E447B)

Conversions

Conversions Part 1

Format	Color
Hex	3E447B
RGB	62, 68, 123
RGB Percent	24%, 27%, 48%
CMY	0.7569, 0.7333, 0.5176
CMYK	0.50, 0.45, 0.00, 0.52
HSL	234°, 33%, 36%
HSV	234°, 50%, 48%
XYZ	7.6289, 6.5884, 19.6085
YIQ	72.4760, -21.2310, 15.8330

Conversions

Conversions Part 2

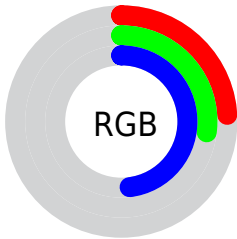
Format	Color
RYB	62, 67, 123
Decimal	4080763
CIELab	30.85, 13.74, -32.17
CIElCh	31, 34.976, 293.126
Yxy	6.5884, 0.2255, 0.1948
Android (android.graphics.Color)	4282270843 (0xFF3E447B)
YUV	72.4760, 24.9083, -9.1875
Hunter-Lab	25.6680, 8.1338, -27.3258

Details

The Hex color **3E447B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7B753E**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7174B0**, and **05194A** is the 20% darker color. If you saturate the color by 10%, you get **32397B**, and if you desaturate by 10%, it is **4A4F7B**.

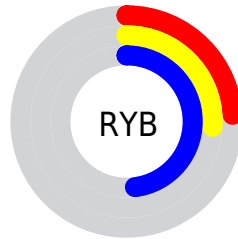
Distribution



Red (24%)

Green (27%)

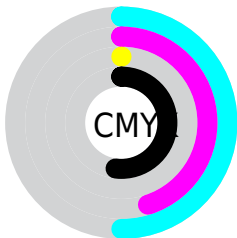
Blue (48%)



Red (24%)

Yellow (26%)

Blue (48%)

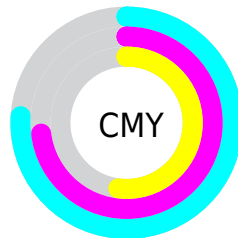


Cyan (50%)

Magenta (45%)

Yellow (0%)

Black (52%)



Cyan (76%)

Magenta (73%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E447B 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 3E447B by changing the saturation by 10% instead.



3E447B



3E447B

FFFFFF



242E62



7174B0



05194A



8C8DCB



000033



A7A8E8



00021D



C3C3FF



000000



DFDFFF



FCFBFF



3E447B



3E447B



32397B



4A4F7B

■ 252E7B

■ 575A7B

■ 19237B

■ 63657B

■ 0D187B

■ 6F707B

■ 000D7B

■ 7C7B7B

■ 000C7B

■ 88877B

■ 94927B

■ A09D7B

■ ADA87B

Harmonies

Analogous

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



004E7F



3E447B



64386A

Triad

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



3E447B



703A1D



005541

Complementary

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



3E447B



7B753E

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.



1F5326



3E447B



5C450E

Square

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



3E447B



7A3135



424D12



00565D

Rectangle

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



3E447B



723259



424D12



005538

Sweetspot

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



3E447B



898BA1



3E7B75



434452



D1D1D1



525252

Same Dimension

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



3E447B



404AA1



563E7B



37383D



000C7D



0019FC

Inverse Universe

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



7B3E44



A1404A



637B3E



3D3738



7D000C



FC0019

Previews

White Background



This preview shows how the Hex color 3E447B looks on a white background.

Color Contrast Check

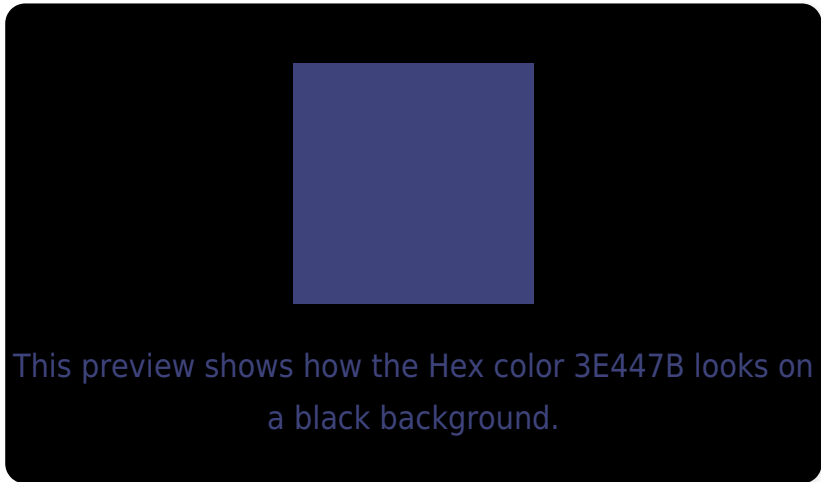
Large Text (above 18pt) WCAG AA ✓ Pass

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

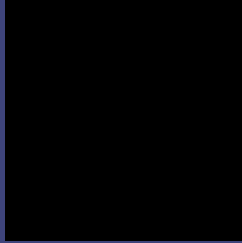
Any Text WCAG AA × Fail

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 3E447B Background



This preview shows how black text looks on a background with the Hex color 3E447B.



This preview shows how white text looks on a background with the Hex color 3E447B.

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

3E447B

Protanopia

30477E

Deuteranopia

27497A



Tritanopia
324D53

Trichromacy



Original Color
3E447B

Protanomaly
35467D

Deuteranomaly
2F477A

Tritanomaly
364A62

Monochromacy



Original Color
3E447B

Achromatopsia
484848

Achromatomaly
44475B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E447B 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 #3E447B looks like.

```
.text, #text, p{  
    color:#3E447B  
}
```

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 #3E447B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E447B
}
```

Border

The CSS property to change the border of an element to Hex 3E447B 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
#3E447B }
```

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

```
.border{ border-color:#3E447B }
```

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

Here you see how a box with a 4 pixel #3E447B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E447B; -webkit-box-shadow:4px 4px  
4px 4px #3E447B; box-shadow:4px 4px 4px  
4px #3E447B }
```

Background

The CSS property to change the background color of an element to Hex 3E447B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E447B }
```

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

```
.background{ background-color:#3E447B }
```

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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