

Converting Colors

Hex(3E3C7E)

Have a look what the booklet for
Hex(3E3C7E) contains.

Hex(3E3C7E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3E3C7E)

Conversions

Conversions Part 1

Format	Color
Hex	3E3C7E
RGB	62, 60, 126
RGB Percent	24%, 24%, 49%
CMY	0.7569, 0.7647, 0.5059
CMYK	0.51, 0.52, 0.00, 0.51
HSL	242°, 35%, 36%
HSV	242°, 52%, 49%
XYZ	7.3684, 5.7622, 20.4625
YIQ	68.1220, -19.9940, 20.9500

Conversions

Conversions Part 2

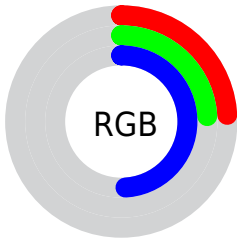
Format	Color
RYB	62, 60, 126
Decimal	4078718
CIELab	28.80, 20.07, -37.31
CIELCh	29, 42.368, 298.282
Yxy	5.7622, 0.2193, 0.1715
Android (android.graphics.Color)	4282268798 (0xFF3E3C7E)
YUV	68.1220, 28.5339, -5.3690
Hunter-Lab	24.0046, 12.7836, -33.7381

Details

The Hex color **3E3C7E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7C7E3C**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **726BB3**, and **02124C** is the 20% darker color. If you saturate the color by 10%, you get **322F7E**, and if you desaturate by 10%, it is **4A497E**.

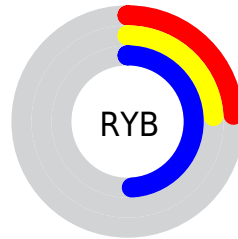
Distribution



Red (24%)

Green (24%)

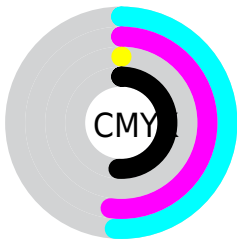
Blue (49%)



Red (24%)

Yellow (24%)

Blue (49%)

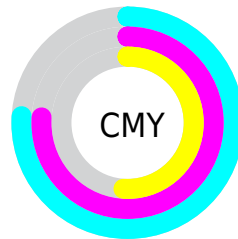


Cyan (51%)

Magenta (52%)

Yellow (0%)

Black (51%)



Cyan (76%)

Magenta (76%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E3C7E 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 3E3C7E by changing the saturation by 10% instead.

■ 3E3C7E

■ 3E3C7E

FFFFFF

■ 232665

■ 726BB3

■ 02124C

■ 8D85CF

■ 000035

■ A89FEB

■ 00021F

■ C4BAFF

■ 000002

■ E1D5FF

■ 000000

■ FEF2FF

■ 3E3C7E

■ 3E3C7E

■ 322F7E

■ 4A497E

■ 26237E

■ 56557E

■ 19167E

■ 63627E

■ 0D0A7E

■ 6F6E7E

■ 04007E

■ 7B7B7E

■ 87887E

■ 94947E

■ A0A17E

■ ACAD7E

Harmonies

Analogous

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



004986



3E3C7E



692C67

Triad

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



3E3C7E



6D3408



005241

Complementary

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



3E3C7E



7C7E3C

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.



00501F



3E3C7E



554200

Square

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



3E3C7E



7C2627



344B00



005262

Rectangle

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



3E3C7E



782352



344B00



005236

Sweetspot

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



3E3C7E



8A89A3



3C7D7E



434252



D1D1D1



525252

Same Dimension

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



3E3C7E



3F3CA3



5E3C7E



3A3940



040080



000000

Inverse Universe

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



7E3C7C



A33CA0



5C7E3C



403940



80007C



000000

Previews

White Background



This preview shows how the Hex color 3E3C7E looks on a white background.

Color Contrast Check

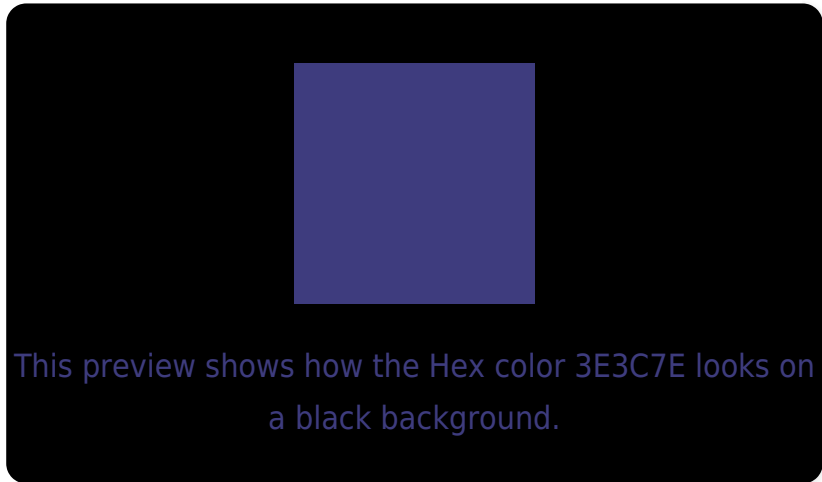
Large Text (above 18pt) WCAG AA ✓ Pass

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

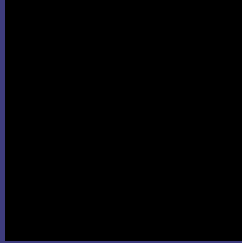
Any Text WCAG AA × Fail

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 3E3C7E Background



This preview shows how black text looks on a background with the Hex color 3E3C7E.



This preview shows how white text looks on a background with the Hex color 3E3C7E.

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
3E3C7E

Protanopia
1C4284

Deuteranopia
00457A



Tritanopia
2F484E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E3C7E 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 #3E3C7E looks like.

```
.text, #text, p{  
    color:#3E3C7E  
}
```

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 #3E3C7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E3C7E
}
```

Border

The CSS property to change the border of an element to Hex 3E3C7E 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
#3E3C7E }
```

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

```
.border{ border-color:#3E3C7E }
```

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

Here you see how a box with a 4 pixel #3E3C7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E3C7E; -webkit-box-shadow:4px 4px  
4px 4px #3E3C7E; box-shadow:4px 4px 4px  
4px #3E3C7E }
```

Background

The CSS property to change the background color of an element to Hex 3E3C7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E3C7E }
```

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

```
.background{ background-color:#3E3C7E }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor